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FILE COVERS 1907 - 1 Apr 2003 VOL 138 ISS 14  
FILE LAST UPDATED: 31 Mar 2003 (20030331/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L2 1803 SEA FILE=REGISTRY TAUR?  
L3 1 SEA FILE=REGISTRY ACRYLOYL(W)DIMETHYLTaur?  
L4 73982 SEA FILE=REGISTRY STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYLEETHER) OR CHLOROSTYRENE OR ACRYLAMIDE OR METHACRYLAMIDE  
L6 36189 SEA FILE=HCAPLUS L2 OR TAUR?  
L7 4 SEA FILE=HCAPLUS L3 OR ACRYLOYL(W)DIMETHYLTaur?  
L8 981000 SEA FILE=HCAPLUS L4 OR STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYETHER) OR CHLORO(W)STYRENE? OR CHLOROSTYRENE OR ACRYLAMIDE OR METHACRYLAMIDE  
L17 1 SEA FILE=HCAPLUS L6 AND L7 AND L8

=> d ibib abs hitrn 117

L17 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1977:156954 HCAPLUS  
DOCUMENT NUMBER: 86:156954  
TITLE: Modacrylic fibers with improved coloring properties  
PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.  
SOURCE: Neth. Appl., 17 pp.  
CODEN: NAXXAN  
DOCUMENT TYPE: Patent  
LANGUAGE: Dutch  
FAMILY ACC. NUM. COUNT: 3  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 7513244	A	19760518	NL 1975-13244	19751112
DE 2454322	A1	19760520	DE 1974-2454322	19741115
DE 2524125	A1	19761216	DE 1975-2524125	19750530

Searched by M. Smith

## PRIORITY APPLN. INFO.:

DE 1974-2454322 19741115  
DE 1975-2524125 19750530

AB Dry-spun modacrylic fibers with improved dyeability and improved dimensional stability under dyeing conditions are prepd. from blends of .gtoreq.1 acrylonitrile-vinyl chloride copolymer (I) [ 9003-00-3] and a copolymer contg. Cl and SO<sub>3</sub>H or sulfate ester groups. Thus, a blend of 92% I and 8% acrylonitrile-acryloyldimethyltaurine N-methylethanolamine salt-vinylidene chloride copolymer was dry spun at 151.degree. and taken up to give draw ratio 5.2, giving a fiber with dye satn. no 3.3, dye uptake rate 2.07, tenacity 1.94 lb/dtex, and elongation at break 38%. A control spun from I alone had values of 1.2, 0.76, 2.02 lb/dtex, and 40.3%.

IT 61488-21-9

RL: USES (Uses)  
(acrylic fiber dyeability improvement by)

IT 9003-00-3

RL: USES (Uses)  
(fiber, contg. acryloyldimethyltaurine ammonium salt copolymers, with improved dyeability)

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L2 1803 SEA FILE=REGISTRY TAUR?  
L3 1 SEA FILE=REGISTRY ACRYLOYL(W)DIMETHYLTaur?  
L4 73982 SEA FILE=REGISTRY STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYLETHER) OR CHLOROSTYRENE OR ACRYLAMIDE OR METHACRYLAMIDE  
L6 36189 SEA FILE=HCAPLUS L2 OR TAUR?  
L7 4 SEA FILE=HCAPLUS L3 OR ACRYLOYL(W)DIMETHYLTaur?  
L8 981000 SEA FILE=HCAPLUS L4 OR STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYETHER) OR CHLORO(W)STYRENE? OR CHLOROSTYRENE OR ACRYLAMIDE OR METHACRYLAMIDE  
L17 1 SEA FILE=HCAPLUS L6 AND L7 AND L8  
L18 3 SEA FILE=HCAPLUS L7 NOT L17

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L18 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:504591 HCAPLUS

DOCUMENT NUMBER: 137:67920

TITLE: Water-in-oil emulsions containing ammonium  
acryloyl dimethyltaurate-vinyl  
pyrrolidone copolymers

INVENTOR(S): Nielsen, Jens; Kroepke, Rainer; Bleckmann, Andreas

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002051377	A1	20020704	WO 2001-EP15095	20011220
W: JP, US				

Searched by M. Smith

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, TR

DE 10065045 A1 20020704 DE 2000-10065045 20001223

PRIORITY APPLN. INFO.: DE 2000-10065045 A 20001223

AB The invention relates to cosmetic or dermatol. emulsions of the water-in-oil type, contg. (i) up to 95 wt. % of a water phase, (ii) up to 60 wt. % of a lipid phase, relative to the total wt. of the prepns., (iii) up to 10 wt. % of one or more emulsifiers, (iv) and in addn. up to 5 wt. % of one or more ammonium **acryloyl dimethyltaurates**-vinyl pyrrolidone copolymers. Thus a W/O cream contained (wt./wt.%): PEG-30-dipolyhydroxystearate 5.00; hydrated coco glyceride 3.00; glycerin 3.00; ceresin 0.50; magnesium sulfate 0.70; mineral oil 12.00; caprylyl ether 8.00; ammonium **acryloyl dimethyltaurate**-vinyl pyrrolidone copolymer 0.01; cetylstearyl isononanoate 6.00; preservative, perfume q.s.; water to 100.00.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L18 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:486111 HCAPLUS

DOCUMENT NUMBER: 137:52052

TITLE: O/W emulsions comprising a copolymer of ammonium **acryloyl dimethyltaurate** and vinylpyrrolidone

INVENTOR(S): Lanzendoerfer, Ghita; Bormann, Angelika; Nielsen, Jens; Hargens, Birgit; Riedel, Heidi; Von Thaden, Stefanie

PATENT ASSIGNEE(S): Beiersdorf AG, Germany  
SOURCE: Eur. Pat. Appl., 20 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1216695	A2	20020626	EP 2001-129936	20011217
EP 1216695	A3	20020703		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

DE 10065046 A1 20020704 DE 2000-10065046 20001223

US 2002176832 A1 20021128 US 2001-25065 20011219

JP 2002212025 A2 20020731 JP 2001-387732 20011220

PRIORITY APPLN. INFO.: DE 2000-10065046 A 20001223

AB The invention concerns cosmetic and dermatol. oil-in-water emulsions that contain up-to 90 wt./wt.% water, up-to 40 wt./wt.% lipids, up-to 10 wt./wt.% emulsifiers and up-to 5 wt./wt.% of at least one ammonium **acryloyl dimethyltaurate**/vinyl pyrrolidone copolymer. The compns. further contain dyes; they are used for the prepn. of makeups. Thus a compn. contained (wt./wt.%): PEG-30-glycerol stearate 2.50; glycerol monostearate 1.00; cetyl alc. 1.00; vaseline 2.50; polyisobutene 8.00; cyclomethicone 5.00; Aristoflex AVC 0.20; glycerin 5.00; tocopherol acetate 1.00; perfume, preservative, sodium hydroxide, dyes, antioxidants q.s.; water to 100.

L18 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:486104 HCAPLUS

DOCUMENT NUMBER: 137:52047

Searched by M. Smith

TITLE: Gel-creams of the O/W emulsion type containing ammonium **acryloyl dimethyltaurate** /vinyl pyrrolidone copolymers  
 INVENTOR(S): Lanzendoerfer, Ghita; Nielsen, Jens; Hargens, Birgit; Kroepke, Rainer; Riedel, Heidi; Von Thaden, Stephanie  
 PATENT ASSIGNEE(S): Beiersdorf Aktiengesellschaft, Germany  
 SOURCE: Eur. Pat. Appl., 17 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP-1216686	A2	20020626	EP 2001-130560	20011221
EP 1216686	A3	20020717		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
DE 10065047	A1	20020704	DE 2000-10065047	20001223
US 2002155076	A1	20021024	US 2001-25062	20011219
JP 2002212022	A2	20020731	JP 2001-389388	20011221

PRIORITY APPLN. INFO.: DE 2000-10065047 A 20001223  
 AB The invention concerns cosmetic and dermatol. oil-in-water gel-creams that contain up-to 90 wt./wt.% water, up-to 20 wt./wt.% lipids, up-to 5 wt./wt.% emulsifiers and up-to 5 wt./wt.% of at least one ammonium **acryloyl dimethyltaurate**/vinyl pyrrolidone copolymer. The comps. further contain dyes; they are used for the prepn. of eye shadows. Thus a hydrodispersion gel contained (wt./wt.%): PEG-8 5.00; ethanol 10.0; Aristoflex AVC 0.70; triglyceride, liq. 1.50; glycerin 5.00; panthenol 0.50; tocopherol acetate 0.50; perfume, preservative, sodium hydroxide, dyes, antioxidants q.s; water to 100.

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L1 4803 SEA FILE=REGISTRY (HYDROXYCARBOXYLIC OR GLYCOLIC OR LACTIC OR HYDROXYOCTANOIC) (W)ACID?  
 L2 1803 SEA FILE=REGISTRY TAUR?  
 L3 1 SEA FILE=REGISTRY ACRYLOYL(W)DIMETHYLTAUR?  
 L4 73982 SEA FILE=REGISTRY STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYLEETHER) OR CHLOROSTYRENE OR ACRYLAMIDE OR METHACRYLAMIDE  
 L5 169912 SEA FILE=HCAPLUS L1 OR (HYDROXYCARBOXYLIC OR GLYCOLIC OR LACTIC OR HYDROXYOCTANOIC) (W)ACID?  
 L6 36189 SEA FILE=HCAPLUS L2 OR TAUR?  
 L7 4 SEA FILE=HCAPLUS L3 OR ACRYLOYL(W)DIMETHYLTAUR?  
 L8 981000 SEA FILE=HCAPLUS L4 OR STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYETHER) OR CHLORO(W)STYRENE? OR CHLOROSTYRENE OR ACRYLAMIDE OR METHACRYLAMIDE  
 L12 446184 SEA FILE=HCAPLUS (L6 OR L7 OR L8) (L)?POLYMER?  
 L15 1021 SEA FILE=HCAPLUS L5(L)L12  
 L17 1 SEA FILE=HCAPLUS L6 AND L7 AND L8  
 L18 3 SEA FILE=HCAPLUS L7 NOT L17  
 L19 36 SEA FILE=HCAPLUS L15(L) (CARRIER? OR COSMET? OR COS/RL)  
 L20 36 SEA FILE=HCAPLUS L19 NOT (L17 OR L18)

=> d ibib abs hitrn 120 1-36

L20 ANSWER 1 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:221481 HCAPLUS  
TITLE: Thickened cosmetic compositions comprising a taurate copolymer  
INVENTOR(S): Suares, Alan Joseph; Zhang, Joanna Hong  
PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited  
SOURCE: PCT Int. Appl., 23 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003022236	A1	20030320	WO 2002-EP9117	20020815
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-318687P P 20010912

AB A **cosmetic** composition is provided which includes an alpha- or beta-**hydroxycarboxylic acid** at least partially neutralized and a **taurate copolymer** in a low pH system. The **taurate copolymer** improves skin feel and provides viscosity to the system.

L20 ANSWER 2 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:201465 HCAPLUS  
TITLE: Cosmetic compositions containing a copolymer of methacrylic acid and an oil, and uses thereof  
INVENTOR(S): Maubru, Mireille  
PATENT ASSIGNEE(S): L'oreal, Fr.  
SOURCE: Eur. Pat. Appl., 25 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1291001	A2	20030312	EP 2002-292000	20020808
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
FR 2829385	A1	20030314	FR 2001-11743	20010911

PRIORITY APPLN. INFO.: FR 2001-11743 A 20010911

AB Hair and skin cosmetic compns. contg. a copolymer of methacrylic acid, a dimethicone, and a cationic polymer are claimed. A shampoo contained ethoxylated sodium laurylsulfate 12.5, 30% cocoyl amidopropyl betaine 2.4,

alkyl polyglucoside 1.4, Carbopol Aqua SF-1 1.2, avocado oil 1, Jaguar C13S 0.1, ethylene glycol distearate 2, polyoxyethylene cetylstearyl alc. and myristyl glycol ether 1.5, preservatives q.s., citric acid sodium hydroxide q.s. pH 5.5, and water q.s. 100 g.

IT 6283-92-7, Lauryl lactate 35274-05-6, Cetyl lactate  
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(cosmetic compns. contg. copolymer of  
methacrylic acid and oil)

L20 ANSWER 3 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:196409 HCAPLUS  
TITLE: Storage-stable milky cosmetics containing surfactants  
and polymers  
INVENTOR(S): Iwamoto, Tsutomu; Watanabe, Koichi  
PATENT ASSIGNEE(S): Lion Corp., Japan; Sainen Chemical Industry Co., Ltd.  
SOURCE: Jpn. Kokai Tokkyo Koho, 22 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003073221	A2	20030312	JP 2001-264033	20010831

PRIORITY APPLN. INFO.: JP 2001-264033 20010831

AB The cosmetics contain (a) H<sub>2</sub>O, (b) anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, semipolar surfactants, and/or polymers, and (c) milky agents comprising aq. polymer dispersions (av. particle size 0.1-0.3  $\mu$ m) prepd. by emulsion polymn. of styrene-based monomer mixts. in aq. solns. contg. water-sol. or -dispersible copolymers having hydrophobic groups and carboxyl groups and alkyl ether-type nonionic surfactants (no. of oxyalkylene units 20-150). Styrene (98 wt. parts) was copolymd. with 2 wt. parts acrylamide in an aq. soln. contg. SMA 1000A (styrene-maleic anhydride copolymer), NH<sub>4</sub>OH, Leocol TDA 400-75 (polyoxyethylene alkyl ether-type nonionic surfactant), and (NH<sub>4</sub>)<sub>2</sub>S<sub>2</sub>O<sub>8</sub> to give a milky agent (av. particle size 0.18  $\mu$ m). A cosmetic contg. K laurate 9.0, K myristate 9.0, K oleate 1.0, Obazoline LB-SF (betaine lauryldimethylaminoacetate) 3.0, Emalex 703 (polyoxyethylene lauryl ether) 1.0, Leoal MS 100 (alkyl acrylate copolymer) 0.3, the milky agent 0.5 wt.%, etc., showed good appearance and no pptn. of styrene copolymer particles after 3-mo storage at 50.degree. or after freezing-thawing cycles.

IT 33939-64-9, Enagicol EC 30  
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(milky cosmetics contg. surfactants and/or polymers  
and emulsion-polymd. styrene polymer particles with  
good dispersion stability)

L20 ANSWER 4 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:92322 HCAPLUS  
DOCUMENT NUMBER: 138:142471  
TITLE: Taste masking of oral quinolone liquid preparations  
using ion exchange resins  
INVENTOR(S): Gao, Rong; Shao, Zezhi Jesse; Fan, Allan Chor-Lún;  
Witchey-Lakshmanan, Leonore Catherine; Stewart, Daniel  
Charles  
PATENT ASSIGNEE(S): Schering-Plough Veterinary Corporation, USA  
SOURCE: U.S., 4 pp.

CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6514492	B1	20030204	US 2000-614523	20000712
PRIORITY APPLN. INFO.:			US 1999-143819P	P 19990714

AB Oral liq. formulations of quinolones comprising ion exchange resins, such as **methacrylic acid polymer** crosslinked with divinylbenzene, as the **carrier**, for elimination of the extreme bitterness of the quinolones are described. For example, an aq. soln. contained orbifloxacin 2%, sodium polystyrene sulfonate ion exchange resin 12%, propylene glycol 2.5%, sorbic acid 0.1%, malt ext. 65%, **lactic acid** to pH 4.5, and water to 100%.

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 5 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2002:831793 HCAPLUS  
 DOCUMENT NUMBER: 137:329274  
 TITLE: Stabilized enzyme compositions containing polyacrylamide and polyols  
 INVENTOR(S): Edens, Luppö; Van der Heijden, Luc; Vis, Albert Jon  
 PATENT ASSIGNEE(S): Cosmoferm B.V., Neth.  
 SOURCE: Eur. Pat. Appl., 9 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1252879	A1	20021030	EP 2001-201569	20010427
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002182695	A1	20021205	US 2002-115605	20020403
WO 2002087531	A1	20021107	WO 2002-EP4180	20020416
W: AU, BR, CA RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1280511	A1	20030205	EP 2002-766629	20020416
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
US 2002182696	A1	20021205	US 2002-132344	20020425
PRIORITY APPLN. INFO.:			EP 2001-201569	A 20010427
			WO 2002-EP4180	W 20020416

AB The present invention relates to a stabilized enzyme compn. comprising a polyol and an **acrylamide polymer** thickening agent. The concn. of the polyacrylamide in the compn. varies from 0.05 to 15 wt%. Carbopols or Na Mg silicate in combination with **lactic acid** and polyacrylamide are capable of forming **cosmetically** acceptable gels with 70% glycerol in water. A protease was stabilized with these emulsions.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE-FORMAT

L20 ANSWER 6 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:568077 HCAPLUS  
DOCUMENT NUMBER: 137:129563  
TITLE: Antiwrinkle antiaging skin-lightening  
anti-inflammatory cosmetics  
INVENTOR(S): Ito, Hajime  
PATENT ASSIGNEE(S): Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002212052	A2	20020731	JP 2001-42566	20010115

PRIORITY APPLN. INFO.: JP 2001-42566 20010115

AB Title **cosmetics** contain (A) H<sub>2</sub>O, natural water, alk. water, and/or acidic water, (B) pentylene glycol, 1,3-butylene glycol, glycerin, diglycerin, ethoxydiglycol, PEG-60 hydrogenated castor oil, **acrylic acid-C10-30 alkyl acrylate copolymer**, **vinyl acetate polymer**, PCA-Na, betaine, cellulose gum, and/or Na hyaluronate as water-sol. thickeners, (C) EtOH and/or phenoxyethanol as antibacterial alcs., (D) ascorbyl phosphate, its salt, tocopherols, and/or retinols as antioxidative vitamins, (E) di-K glycyrrhizinate, licorice ext., allantoin, glycyrrhizinic acid, glycyrrhetic acid, its derivs., its salts, mefenamic acid, phenylbutazone, indomethacin, ibuprofen, ketoprofen, guaiazulene, panthenol, its derivs., its salts, .epsilon.-aminocaproic acid, diclofenac Na, and/or tranexamic acid as anti-inflammatory agents, (F) KOH, NaOH, Al(OH)<sub>3</sub>, Mg(OH)<sub>2</sub>, Zn(OH)<sub>2</sub>, Ca(OH)<sub>2</sub>, and/or NH<sub>4</sub>OH as alkali hydroxides, (G) citric acid, **lactic acid**, **glycolic acid**, and/or malic acid as org. acids, (H) fermented rice solns., ext. of Scutellaria baicalensis, Phellodendron amurense, Paeonia suffruticosa, Curcuma longa, Arnica montana, Tilia japonica, carrot, Poria cocos, Panax ginseng, Althaea officinalis, aloe, Urtica thunbergiana, Foeniculum vulgare, witch hazel, Scutellaria baicalensis, Phellodendron amurense, Hypericum erectum, and/or rice as skin-lightening exts, and optionally (I) plant growth hormones.

L20 ANSWER 7 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:408490 HCAPLUS  
DOCUMENT NUMBER: 136:390771  
TITLE: Oil-in-water emulsion composition and method of preparing the same  
INVENTOR(S): Wakamatsu, Kosaburo; Tanaka, Masahiko; Yoshino, Noboru  
PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan  
SOURCE: PCT Int. Appl., 30 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002041853	A1	20020530	WO 2001-JP10230	20011122



W: AU, BR, CA, CN, ID, IN, KR, PH, US  
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, TR

AU 2002024079 A5 20020603 AU 2002-24079 20011122

JP 2002234830 A2 20020823 JP 2001-358078 20011122

PRIORITY APPLN. INFO.:

JP 2000-355997 A 20001122

WO 2001-JP10230 W 20011122

AB Disclosed is an O/W emulsion compn. contg. an electrolyte, more particularly an O/W emulsion compn. which has excellent emulsion stability although an electrolyte is contained therein. The O/W emulsion compn. can be prepd. from an electrolyte, a polyglycerol/fatty acid ester, an alkanoyl **lactic acid** or a salt thereof, an **acrylic acid**/alkyl methacrylate **copolymer**, water, and an oil and preferably further from a polyhydric alc. A **cosmetic** emulsion contg. decaglyceryl diisostearate 1.2, decaglyceryl monomyristate 0.6, sodium isostearoyllactate 0.2, squalane 5, purified glycerin 6, disodium adenosine monophosphate 1.5, **acrylic acid**-alkyl methacrylate **copolymer** 0.4, ethanol 5, and other ingredients and water q.s. to 100 % was prepd., and its storage stability was tested.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 8 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:113798 HCAPLUS

DOCUMENT NUMBER: 136:172472

TITLE: Hair cosmetic compositions containing amine oxide polymers and amine polymers

INVENTOR(S): Hiwata, Tomoaki; Kitani, Yasuo; Mori, Koji

PATENT ASSIGNEE(S): Mitsubishi Chemical Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002047149	A2	20020212	JP 2000-236438	20000804

PRIORITY APPLN. INFO.:

JP 2000-236438 20000804

AB The compns., which show good hair setting effect and no stickiness, contain (a) amine oxide group-contg. polymers having wt.-av. mol. wt. 10,000-500,000 and (b) amine (salt) group-contg. polymers having structural units CH<sub>2</sub>CR<sub>1</sub>R<sub>2</sub> (R<sub>1</sub> = H, C<sub>1</sub>-22 alkyl, C<sub>6</sub>-22 aryl, CO<sub>2</sub>R<sub>3</sub>, CO<sub>2</sub>NH<sub>2</sub>; R<sub>2</sub> = NH<sub>2</sub>, NH<sub>3</sub>+X<sup>-</sup>; R<sub>3</sub> = H, C<sub>1</sub>-4 alkyl; X = org. carboxyl, halo, OH, MeOSO<sub>3</sub>, sulfate), wherein a/b wt. ratio is 1/10-100/1 and total content of a and b is 0.1-10 wt.%. A hair spray was prepd. from oxidized N,N-dimethylaminoethyl methacrylate-Me methacrylate-iso-Bu methacrylate copolymer 5.0, hydrolyzed N-vinylformamide-vinyl acetate copolymer lactic acid salt 0.3, H<sub>2</sub>O 45.0, and EtOH to 100.0 wt.%.  
 IT 108941-57-7DP, Vinyl acetate-N-vinylformamide copolymer, hydrolyzed, lactic acid salts

RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (hair cosmetics contg. amine oxide polymers and amine polymers)

L20 ANSWER 9 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:850883 HCAPLUS  
 DOCUMENT NUMBER: 135:376760  
 TITLE: Methods and compositions for increased potency of  
 therapeutic agents based on pH-sensitive polymeric  
 micelles  
 INVENTOR(S): Leroux, Jean-Christophe  
 PATENT ASSIGNEE(S): Labopharm, Inc., Can.  
 SOURCE: PCT Int. Appl., 43 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001087227	A2	20011122	WO 2001-IB1456	20010515
WO 2001087227	A3	20021128		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 2001076627 A5 20011126 AU 2001-76627 20010515 EP 1286643 A2 20030305 EP 2001-954286 20010515 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR PRIORITY APPLN. INFO.: US 2000-572201 A 20000517 WO 2001-IB1456 W 20010515				

AB PH and/or temp. sensitive **polymeric** micelles, comprising a hydrophobic core surrounded by a hydrophilic shell and a pH sensitive moiety, are used to deliver and to increase potency of therapeutic agents which have poor water soly. The hydrophilic moiety is water sol. at 35-40.degree. and selected from the group consisting of poly(N-substituted acrylamides), poly(N-acryloylpyrrolidine), poly(N-acryloylpiperidine), poly(N-acryl-L-amino acid amides), poly(ethyloxazoline), Me cellulose, hydroxypropyl acrylate, hydroxyalkyl cellulose derivs. and poly(vinyl alc.) derivs. The hydrophobic moiety is a water insol. **polymer**, e.g., a poly(lactic acid) or a poly(.epsilon.-caprolactone). The pH sensitive moiety is selected from **copolymers** from **methacrylic acid**, **methacrylic acid** esters and **acrylic acid** esters, polyvinyl acetate phthalate, hydroxypropyl Me cellulose phthalate, cellulose acetate phthalate and cellulose acetate trimellitate. A pharmaceutical compn. comprises an effective amt. of a therapeutic agent entrapped within the **polymeric** micelles by dialysis or oil-in-water procedure. The therapeutic agent is selected from an antitumor agent, e.g., a phthalocyanine, anthracycline, antimetabolite, alkylating agent and taxane, a hydrophobic antibiotic, a hydrophobic antifungal agent, an immunomodulator, an antiviral drug, a steroidal or nonsteroidal anti-inflammatory drug, or a genome fragment with or without a **carrier**. For example, **copolymer** of N-isopropylacrylamide (NIPA), **methacrylic acid** (MAA), and octadecyl acrylate (ODA) was prepd. Aluminum chloride phthalocyanine (AlClPc) was incorporated into the poly(NIPA-MAA-ODA) obtained using a

dialysis method. Incorporation of AlClPc into poly(NIPA-MAA-ODA) micelles yielded an entrapment efficiency of 50-60% with drug loading reaching approx. 3% (wt./wt.). No dark toxicity was obsd. with AlClPc formulated in pH sensitive **polymeric** micelles (PM) at the maximal concns. tested, i.e. 10 .mu.M AlClPc and 0.22 mg/mL PM. Upon light treatment, AlClPc PM induced greater photoactivity than AlClPc in Chremophor (CRM). The LD90 with PM and CRM preps. was 0.1 .mu.M and 2.85 .mu.M after 1 h incubation, and 0.04 .mu.M and 0.6 .mu.M after 24 h incubation, resp. Cellular photoinactivation was found to be independent of drug loading since PM contg. either 3% or 12% AlClPc induced similar phototoxicity. Furthermore, no difference in photoactivity was obsd. when the cells were preincubated for 5 min with unloaded PM before the addn. of AlClPc CRM, suggesting that enhanced photoefficiency of AlClPc PM as compared to AlClPc CRM does not result from increased membrane permeability in the presence of the **polymer**. It is believed that the greater photoactivity of the PM prepn. is related to the assocn. of AlClPc with the **polymer**, and consequent cellular uptake and/or more efficient intracellular localization of AlClPc.

L20 ANSWER 10 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:63853 HCAPLUS

DOCUMENT NUMBER: 134:120964

TITLE: Taste masking of oral quinolone liquid preparations using ion exchange resins

INVENTOR(S): Gao, Rong; Shao, Zezhi Jesse; Fan, Allan Chor-Lun; Witchey-Lakshmanan, Leonore Catherine; Stewart, Daniel Charles

PATENT ASSIGNEE(S): Schering-Plough Ltd., Switz.

SOURCE: PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001005431	A1	20010125	WO 2000-US18948	20000712
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000012439	A	20020402	BR 2000-12439	20000712
EP 1200129	A1	20020502	EP 2000-945340	20000712
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003504416	T2	20030204	JP 2001-510519	20000712
NO 2002000134	A	20020111	NO 2002-134	20020111
PRIORITY APPLN. INFO.:			US 1999-353549	A2 19990714
			WO 2000-US18948	W 20000712

AB The invention relates to the formulation of oral liq. products of quinolones or derivs. using ion exchange resins, such as **methacrylic acid polymer** crosslinked with divinylbenzene, as the **carrier**, thereby eliminating the extreme bitterness of the quinolones oral liq. formulation. A soln. was prepd.

contg. orbifloxacin, lactic acid, Na polystyrenesulfonate ion exchanger, malt ext, propylene glycol, and sorbic acid.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 11 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:768944 HCAPLUS

DOCUMENT NUMBER: 133:339964

TITLE: Wear cosmetic composition polymer

INVENTOR(S): Cohen, Kenneth; Crim, Melanie; Ross, Daniel

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: U.S., 9 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6139827	A	20001031	US 1997-1459	19971231
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PRIORITY APPLN. INFO.: US 1997-1459 19971231

AB The present invention provides a **cosmetic** compn., that includes:  
(A) a **polymer** having repeating units resulting from the polymn. of the following monomers: (1) an alkyl acrylate and/or methacrylate, (2) an N-alkyl **acrylamide**, and (3) an acrylic and **methacrylic acid**; (B) a polyester or polyesteramide having repeating units resulting from the polymn. of the following monomers: (1) isophthalic acid, (2) 5-sulfoisophthalic acid, (3) diethylene glycol and 1,4-cyclohexanedimethanol or a mixt. of diethylene glycol and 1,4-cyclohexanedimethanol and at least one diamine having two -NRH groups, where R is hydrogen of a C1-C4 alkyl group, and (4) optionally, at least one difunctional reactant selected from the group including **hydroxycarboxylic acids** having one -C(R)2OH group, aminocarboxylic acids having one -NHR group and aminoalcs. having one -C(R)2OH group and one -NHR group, where R is as defined above; and an alkoxyated carboxylic acid surfactant having the formula RCO(OCH2CH2)nOOCR, wherein R is a residue of a **polymer** of a hydroxy C8-C28 acid and n is from 10-60. The compn. is particularly useful for film-forming **cosmetic** applications and improved wear **cosmetic** foundations. Compns. contg. Dermacryl LT (**polymer** A) and Eastman AQ 55S **Polymer** (**polymer** B) were not easily rubbed off; compns. contg. only one of the **polymers** transferred easily.

REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 12 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:741884 HCAPLUS

DOCUMENT NUMBER: 133:313363

TITLE: Cosmetic preparations containing hydroxycarboxylic acid alkyl- and/or -alkenyloligoglycoside esters and cationic compds.

INVENTOR(S): Schmid, Karl Heinz; Fabry, Bernd; Hensen, Hermann; Koester, Josef

PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000061103	A1	20001019	WO 2000-EP3014	20000405
W: AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, DM, EE, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19916209	A1	20001019	DE 1999-19916209	19990410
DE 19916209	C2	20010809		
EP 1169018	A1	20020109	EP 2000-929338	20000405
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002541179	T2	20021203	JP 2000-610436	20000405
PRIORITY APPLN. INFO.: DE 1999-19916209 A 19990410 WO 2000-EP3014 W 20000405				
AB The invention relates to cosmetic preps., esp. hair preps. contg. (a) hydroxycarboxylic acid alkyl- and/or -alkenyloligoglycoside esters and (b) cationic compds. Component (a) has the general formula: $R1OOC-C(OH)(X)-CH(Y)-COOR2$ ; where X = H, $CH2COOR3$ ; Y = H, OH; R1, R2, R3 = H, alkali or earth alkali metal, ammonium, alkylammonium, hydroxyl ammonium, glucammonium, alkyl or alkenyloligoaglycoside of formula $R4O-[G]_p$ ; R4 = C4-C22 alkyl or alkenyl; G = C5-C5 sugar; p = 1-10; in case X = $CH2COOR3$ , Y = H; R1, R2, R3 = glycoside group. Esters of malic, tartaric and citric acids of the alkyl- and/or -alkenyloligoglycosides are concerned. Component (b) is a cationic monomer surfactant, e.g. esterquats, tetraammonium compds.; and/or cationic polymers, e.g. cellulose derivs., starch, etc.				
IT 79-06-1D, Acrylamide, copolymers 53694-17-0, Acrylic acid- dimethyldiallylammonium chloride copolymer RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (cosmetic preps. contg. hydroxycarboxylic acid alkyl- and/or -alkenyloligoglycoside esters and cationic compds.)				
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L20 ANSWER 13 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:658034 HCAPLUS  
 DOCUMENT NUMBER: 133:242437  
 TITLE: Cosmetic emulsions containing ceramides  
 INVENTOR(S): Li, Chinfua; Kurata, Toshiko  
 PATENT ASSIGNEE(S): Nikko Chemicals K. K., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000256188	A2	20000919	JP 1999-62590	19990310

PRIORITY APPLN. INFO.: JP 1999-62590 19990310

AB This present invention relates to cosmetic emulsions contg. ceramides and lactic acid ester salts as stabilizers. The compns. further comprise surfactants, polyhydric alcs., and water-sol. polymers to improve the skin conditions. An emulsion contained ceramide-3 1, decaglyceryl monolaurate 5, Na stearyl lactate 5, propylene glycol 10, 1,3-butylene glycol 10, xanthan gum 0.1, and water q.s. to 100 %.

IT **79-10-7D, Acrylic acid, copolymers** with alkyl methacrylate **79-41-4D, Methacrylic acid, alkyl esters, copolymers with acrylic acid**

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
(cosmetic emulsions contg. ceramides and lactic acid esters as stabilizers)

L20 ANSWER 14 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:344441 HCAPLUS  
 DOCUMENT NUMBER: 132:352539  
 TITLE: Cosmetics containing water-insoluble core-shell polymer particles including active ingredients  
 INVENTOR(S): Takabashi, Toshie; Tachisawa, Osamu; Terada, Eiji  
 PATENT ASSIGNEE(S): Kao Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000143483	A2	20000523	JP 1998-316082	19981106

PRIORITY APPLN. INFO.: JP 1998-316082 19981106

AB The cosmetics, which make cosmetics components effectively adhere to skin and hair, contain water-insol. polymer particles comprising hydrophilic polymer shell, hydrophobic polymer core, and active ingredients other than colorants, e.g. perfumes, deodorants, microbicides, waxes, oils, refrigerants, moisturizers, etc. SX 10 (chitosan) and methacrylic acid were dissolved in H2O and the aq. soln. was emulsified with a mixt. contg. stearyl methacrylate, 1-menthol, and lauroyl peroxide. The emulsion was heated at 75.degree. for 2 h and then treated with (NH4)2S2O8 for 2 h to give a core-shell polymer emulsion. A lotion contg. the emulsion 8, EtOH 5, glycerin 3%, and H2O balance was applied to skin to show refrigerant action upon rubbing even 6 h after application.

IT **9012-76-4DP, Chitosan, reaction products with methacrylic acid, graft polymers** with alkyl methacrylates

RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(cosmetics contg. water-insol. core-shell polymer particles including active ingredients other than colorants)

L20 ANSWER 15 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:314505 HCAPLUS  
 DOCUMENT NUMBER: 132:339051

TITLE: Aerosol device containing a condensation polymer comprising at least a polyurethane and/or polyurea unit  
 INVENTOR(S): Vilbert, Arnaud  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: PCT Int. Appl., 45 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000025736	A1	20000511	WO 1999-FR2585	19991025
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2785182	A1	20000505	FR 1998-13807	19981103
FR 2785182	B1	20020412		
CA 2316398	AA	20000511	CA 1999-2316398	19991025
AU 9963455	A1	20000522	AU 1999-63455	19991025
AU 746529	B2	20020502		
EP 1043969	A1	20001018	EP 1999-950819	19991025
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002528479	T2	20020903	JP 2000-579180	19991025
PRIORITY APPLN. INFO.: FR 1998-13807 A 19981103				
WO 1999-FR2585 W 19991025				
AB The invention concerns aerosol devices comprising a reservoir contg., in a <b>cosmetically</b> suitable medium, a multiple-block <b>polymer</b> (A) comprising at least a polyurethane and/or polyurea unit and a film-forming <b>polymer</b> (B), the <b>polymers</b> (A) and (B) and the device being selected so as to obtain, at the device outlet, droplets of compn. with av. diam. <80 <mm. The invention also concerns a hairstyling or hair-fixing method comprising the use of the devices. Thus, an aerosol compn. contained ethylene glycol-lactic acid-dimethylol propanoic acid-isophorone diisocyanate <b>copolymer</b> 6.6, methylsilane diol-dimethylsilane diol <b>copolymer</b> with 3-propylthio methacrylate- and <b>methacrylic acid</b> -terminated (VS-80) 0.1, EtOH 40, and water qs to 100 g and aminomethylpropanol qs.				
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT		

L20 ANSWER 16 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:120828 HCAPLUS  
 DOCUMENT NUMBER: 132:170862  
 TITLE: Cosmetics containing sequestering agents, surfactants, and sunscreens  
 INVENTOR(S): Sou, Suehito; Tokue, Wataru  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000053559	A2	20000222	JP 1998-237999	19980810
PRIORITY APPLN. INFO.:			JP 1998-237999	19980810

AB This present invention relates to **cosmetics** which display an excellent emulsification stability along with improved UV blocking properties and skin feels. The invention **cosmetics** comprise (1) metal sequestering agents, (2) (meth)**acrylamide copolymer** emulsifiers, and (3) sunscreens. A skin-care cream contained jojoba oil 3, vitamin A acetate 0.01, ethylparaben 0.3, behenyl alc. 5, methylphenylpolysiloxane 47, glycerin 2, Na3EDTA 0.2, N,N-dimethylaminoethyl methacrylate-N-vinylpyrrolidone-stearyl acrylate-tripropylene glycol diacrylate **copolymer** (emulsifier) 1, **lactic acid** 0.5, ethanol 1, and ion-exchanged water q.s. to 100 %.

L20 ANSWER 17 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:21596 HCAPLUS  
 DOCUMENT NUMBER: 130:82818  
 TITLE: Ink jet printing of textiles for images having improved durability, water-fastness and wash-fastness  
 INVENTOR(S): Held, Robert Paul  
 PATENT ASSIGNEE(S): E. I. du Pont de Nemours and Company, USA  
 SOURCE: U.S., 8 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5853861	A	19981229	US 1997-941808	19970930
EP 905304	A2	19990331	EP 1998-116844	19980907
EP 905304	A3	20010124		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1213026	A	19990407	CN 1998-120818	19980930
JP 11172173	A2	19990629	JP 1998-278953	19980930
JP 3106126	B2	20001106		
PRIORITY APPLN. INFO.:			US 1997-941808	A 19970930

AB The ink contains an aq. **carrier**, a pigment and a **polymer** having acid, base, epoxy or hydroxy functional groups and the textile contains hydroxyl, amine, amido or carboxyl groups and a crosslinking agent is selected from an organometallic compds. or an isocyanate, where upon exposure of the printed image to an external energy source, the crosslinking agent will react with the textile and the **polymer** in the ink to produce images. Thus, 100% cotton fabric was soaked for 5 min in a 5 wt. % soln. of **lactic acid** titanate chelate, ammonium salt, the fabric was air dried, the dried fabric was printed with a magenta ink contg. a binder 2-ethylhexyl acrylate-2-hydroxyethyl acrylate-N-methylolmethacrylamide-**methacrylic acid**-Me methacrylate-**styrene**



**copolymer**, and heat set.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 18 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:62559 HCAPLUS

DOCUMENT NUMBER: 128:132267

TITLE: Lip coloring agent

INVENTOR(S): Gross, Peter

PATENT ASSIGNEE(S): Care Full Colours Kosmetik Produktions G.m.b.H., Germany

SOURCE: Ger. Offen., 6 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19627931	A1	19980122	DE 1996-19627931	19960711
PRIORITY APPLN. INFO.: DE 1996-19627931 19960711				
AB A lip coloring agent in the form of an aq. soln. comprises H <sub>2</sub> O 50-85, iso-PrOH 5-30, 1,2-propylene glycol 0-10, sorbitol 0-5, flavoring 0-2, PEG-20 stearyl ether monomethacrylate/ <b>acrylic acid copolymer</b> 0-2, 2-phenoxyethanol 0.1, imidazolidinylurea 0.05-0.1, 1,2-dibromo-2,4-dicyanobutane 0.01-0.02, Me 4-hydroxybenzoate 0.05-0.12, Et 4-hydroxybenzoate <0.02, Pr 4-hydroxybenzoate <0.02, iso-Bu 4-hydroxybenzoate <0.02, Bu 4-hydroxybenzoate <0.02, Na <sub>2</sub> CO <sub>3</sub> 0.1-1, <b>lactic acid</b> 0-1, and water-sol. <b>cosmetic dyes</b> 0-5 wt.%, and has a pH of 6-8. This compn. dries quickly on the lips, is waterproof and fast, does not wipe off or run, and can be applied with a felt-tipped applicator or brush. Skin-conditioning agents and moisturizers can be incorporated into the compn.				

L20 ANSWER 19 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:752822 HCAPLUS

DOCUMENT NUMBER: 128:39395

TITLE: Cosmetic composition for rejuvenation of skin containing polycarboxylic acids

INVENTOR(S): Chaudhuri, Ratan K.; Bower, David B.

PATENT ASSIGNEE(S): Isp Investments Inc., USA

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742929	A1	19971120	WO 1997-US437	19970115
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,				

MR, NE, SN, TD, TG

US 5736128	A	19980407	US 1996-644998	19960514
CA 2252900	AA	19971120	CA 1997-2252900	19970115
AU 9716964	A1	19971205	AU 1997-16964	19970115
AU 723281	B2	20000824		
EP 904042	A1	19990331	EP 1997-902898	19970115

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

CN 1218387	A	19990602	CN 1997-194649	19970115
BR 9709079	A	19990803	BR 1997-9079	19970115
NZ 332436	A	20000526	NZ 1997-332436	19970115
JP 2000510840	T2	20000822	JP 1997-540841	19970115
KR 2000010924	A	20000225	KR 1998-709072	19981111

PRIORITY APPLN. INFO.: US 1996-644998 A 19960514  
WO 1997-US437 W 19970115

AB A **cosmetic** compn. for rejuvenating the appearance of skin with reduced or minimal potential for skin irritation, in the form of a lotion, cream, soln. or gel, includes an aq., alc. or aq.-alc. soln. of a **polymer** having a carboxylic acid functionality, the soln. having a pH of 1.5 to 5. Gantrez S-95 had the same cell renewal efficacy as poly(**lactic acid**) when tested on the skin of female volunteers. A cream contained Stabileze QM 1.5, Plasdone K29 1.0, Suttocide A 0.5, poly(methylvinyl ether/**maleic acid**) 5.0, , Ceraphyl 65 1.0, Ceraphyl ICA 5.0, Ceraphyl 368 5.0, Ceraphyl 791 7.0, Cerasynt 945 5.0, Cerasynt 840 2.0, Germaben II 1.0, and sodium hydroxide and water q.s. 100%.

L20 ANSWER 20 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:562220 HCAPLUS  
 DOCUMENT NUMBER: 127:225104  
 TITLE: Cool gel cosmetics  
 INVENTOR(S): Hanada, Takuya  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09208452	A2	19970812	JP 1996-332749	19961128
PRIORITY APPLN. INFO.:			JP 1995-334000	19951129

AB Cool gel **cosmetics** comprise cationic thickeners, refrigerants, ethanol and optionally powders. A massage cool gel contained glycerin 20.0, ethanol 30.0, N,N-dimethylaminoethyl methacrylate, N-vinyl **pyrrolidone**-stearyl acrylate-tripropylene glycol diacrylate **copolymer** as cationic thickener 3.0, **lactic acid** 1.0, 1-isomenthol 1.0, polyethylene powder 3.0, ethylene-methylsiloxane **copolymer** 2.0, iso-Pr myristate 2.0, squalane 1.0 perfumes and ion-exchanged water to 100 wt.%. The prepns. were nonsticky.

L20 ANSWER 21 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:302872 HCAPLUS  
 DOCUMENT NUMBER: 126:281696  
 TITLE: Screen-printing inks for manufacturing decalcomanias for being burned onto ceramics and glass, and the decalcomanias obtained and their manufacture and use

INVENTOR(S): Hochleitner, Heinz  
PATENT ASSIGNEE(S): F. Xaver Leopold GmbH & Co. Kg, Germany  
SOURCE: Ger. Offen., 4 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19533189	A1	19970313	DE 1995-19533189	19950908
DE 19533189	C2	19970710		

PRIORITY APPLN. INFO.: DE 1995-19533189 19950908

AB The decalcomanias comprise a acrylate-**styrene copolymer** dispersion, and contain 6-12 wt.% of the above lacquer, and 10 wt.% ceramic pigment. The decalcomanias are manuf. by applying the pigments and ink to a water-resistant template on a printing screen, flooding the printing screen with the pigments and/or ink, pressing the the pigments and/or ink onto a **carrier**, and drying the coated paper or plastic **carrier** at 20-30.degree. and relative humidity 55-65%. These decalcomanias do not contain solvents that capable of being converted into toxic fumes during the firing process. The inks contain acrylate-**styrene copolymer** dispersion 90.00, di-Bu phthalate 4.00, butyldiglycol 3.50, **glycolic acid** n-Bu ester 3.50, and modified siloxane in soln. 0.25 wt. parts. The ink contains 10 wt. parts Cyan (ceramic pigment)/10 wt. parts lacquer.

L20 ANSWER 22 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1992:578082 HCAPLUS

DOCUMENT NUMBER: 117:178082

TITLE: Cosmetics containing (meth)acrylate copolymers as gel bases

INVENTOR(S): Uchiyama, Yujiro; Matsumoto, Junichi

PATENT ASSIGNEE(S): Osaka Yuki Kagaku Kogyo K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04108715	A2	19920409	JP 1990-228766	19900829

PRIORITY APPLN. INFO.: JP 1990-228766 19900829

AB **Cosmetics** contain **copolymers** of CH<sub>2</sub>:CR<sub>1</sub>CO<sub>2</sub>ANR<sub>2</sub>R<sub>3</sub> (R<sub>1</sub> = H, Me; R<sub>2</sub>, R<sub>3</sub> = Me, Et; A = linear or branched C<sub>1</sub>-4 alkylene) 15-85, CH<sub>2</sub>:CR<sub>1</sub>CO<sub>2</sub>(AO)<sub>n</sub>COCR<sub>1</sub>:CH<sub>2</sub> (R<sub>1</sub>, A = same as above; n = 1-40) 0.1-20, and N-vinylpyrrolidin-2-one (I) or N-vinylpiperidin-2-one 0-80 wt.%. The **copolymers** show almost const. viscosity at wide range of temps. N,N-Dimethylaminoethyl methacrylate-polyoxyethylene dimethacrylate-I **copolymer** slurry EtOH soln. (solid content 20%, prepn. given) 5, H<sub>2</sub>O 78, 10% aq. **lactic acid** soln. 3, and I-**vinyl acetate copolymer** 14 g were mixed to give a transparent gel, which showed good hair-setting properties.

L20 ANSWER 23 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1992:224720 HCAPLUS

DOCUMENT NUMBER: 116:224720  
 TITLE: Toners for electrostatic image development using silicon-containing complex charge-controlling agent  
 INVENTOR(S): Ishii, Yukihiro  
 PATENT ASSIGNEE(S): Fuji Xerox Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03276166	A2	19911206	JP 1990-77718	19900327
JP 08012485	B4	19960207		
US 5188929	A	19930223	US 1991-673375	19910322

PRIORITY APPLN. INFO.: JP 1990-77718 19900327

AB The title toners contain complexes contg. a Si atom to which chelate-forming mono- or polycyclic arom. diols, **hydroxycarboxylic acids**, or dicarboxylic acids are coordinated, at the ratio of chelate forming compd. to Si .gtoreq.2 (mol ratio). The toners show good neg. charging properties, environmental stability, and durability, and provide high-quality full-color images. Thus, SBM-73 (acrylic-**styrene copolymer**), Na bis(catecholato)phenylsiliconate, and Brilliant Carmine 6B (dye) were kneaded and pulverized to give a toner, which was mixed with a resin-coated ferrite **carrier** to give a developer.

L20 ANSWER 24 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1991:589775 HCAPLUS  
 DOCUMENT NUMBER: 115:189775  
 TITLE: Manufacture of poly(acrylic acid) gels with EDTA-metal complexes  
 INVENTOR(S): Yoshida, Tsuguchika; Urushizaki, Fumio; Nara, Masato; Yamazaki, Kazuo  
 PATENT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03070707	A2	19910326	JP 1989-207557	19890810

PRIORITY APPLN. INFO.: JP 1989-207557 19890810

AB Gels are manufd. by treatment of aq. solns. contg. poly(**acrylic acid**) (I) and/or its salts with solns. contg. EDTA-polyvalent metal complexes (prepd. from EDTA or its salts and polyvalent metal salts) at pH 4-7 for gelation, then treatment with org. hydroxy acids just before molding the gels. The gelation occur quickly and the gels are useful for pharmaceutical, **cosmetic**, and medical materials. Glycerin 10, carboxyvinyl **polymer** 7, I Na salt 4, CMC Na 0.5, fumaric acid 0.8, polyvinyl alc. 1, kaolin 8, and TiO<sub>2</sub> 1 wt. part were mixed in H<sub>2</sub>O, treated with aq. soln. contg. 0.04 wt. part AlCl<sub>3</sub> and 0.03 wt. part EDTA di-Na salt, and mixed with aq. soln. contg. 1-menthol 1, Me salicylate 1, Et p-aminobenozate 0.05, Nikkol HCO-10 0.3, and dibucaine.HCl 0.5 wt. part

to manuf. gel, which was mixed with aq. soln. contg. 0.3 wt. part **lactic acid**, and quickly applied to nonwoven fabric to form a poultice.

L20 ANSWER 25 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1991:554524 HCAPLUS

DOCUMENT NUMBER: 115:154524

TITLE: Process and synthetic ampholyte for stabilizing the pH of aqueous nutrient solutions and for absorbing and buffering urine and wound secretions

INVENTOR(S): Eugster, Carl; Righetti, Pier Giorgio

PATENT ASSIGNEE(S): Marigen S. A., Switz.

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9011348	A1	19901004	WO 1990-CH12	19900118
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
CH 678789	A	19911115	CH 1989-1127	19890329
AU 9048323	A1	19901022	AU 1990-48323	19900118
JP 03501446	T2	19910404	JP 1990-501685	19900118
EP 425590	A1	19910508	EP 1990-901532	19900118
EP 425590	B1	19931215		
R: BE, DE, DK, ES, FR, GB, IT, NL, SE				
CA 2010726	AA	19900929	CA 1990-2010726	19900222
PRIORITY APPLN. INFO.:				
			CH 1989-1127	19890329
			WO 1990-CH12	19900118

AB A synthetic **carrier** ampholyte for buffering aq. culture media (for plants, aquatic animals, and cell culture) contains neg. charged carboxylate, sulfate, borate, phosphate, or other acid groups and pos. charged amino groups on a **polymer** matrix (polyacrylamide, nylon, polypropylene, cellulose, agarose, etc.). This agent may also be used to absorb and buffer urine and wound secretions, e.g. 10% calf serum and 10% ampholyte (3-morpholinopropylacrylamide/4-acrylamidobutyric acid/**acrylamide copolymer**) maintained a pH of 7.1-7.2 during growth of mammalian hybridoma cells for 6 days despite the prodn. of **lactic acid** by the cells.

L20 ANSWER 26 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1989:601489 HCAPLUS

DOCUMENT NUMBER: 111:201489

TITLE: Tumoricidal effect of controlled-release polymeric needle devices containing adriamycin hydrochloride in tumor-bearing mice

AUTHOR(S): Lin, S. Y.; Cheng, L. F.; Lui, W. Y.; Chen, C. F.; Han, S. H.

CORPORATE SOURCE: Dep. Med. Res., Vet. Gen. Hosp., Taipei, Taiwan

SOURCE: Biomaterials, Artificial Cells, and Artificial Organs (1989), 17(2), 189-203

CODEN: BACOEZ; ISSN: 0890-5533

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Controlled-release **polymeric** needle devices contg.

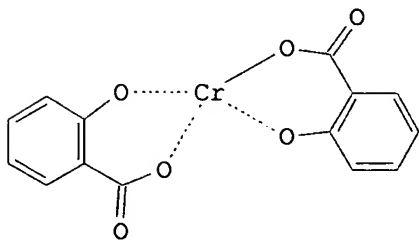
adriamycin-HCl (ADH) were investigated by an in vitro dissoln. study in normal saline soln. and an in vivo antitumor activity in mice bearing mammary carcinoma and nude mice bearing brain tumor. Hydroxypropyl Me cellulose (HPMC) was used as a release rate regulator. The ADH released from needle devices was controlled by the types of **polymer** used and the addn. of HPMC. Ethylene-vinyl acetate (EVA) needle devices exhibit a zero-order release behavior better than that of poly(lactic acid) needle devices. Tumor growth was markedly inhibited by treatment with needle devices after locally inserted into the solid tumor. The rank of antitumor activity of the needle devices is EVA > PLA > EVA-HPMC > PLA-HPMC. No significant changes in body wt. of mice after treatment were found in treated groups as compared to controlled groups. The preliminary results of this study suggest that needle device dosage form shows a controlled release behavior and may be applicable as a drug **carrier** for delivery of antitumor drug in cancer chemotherapy.

L20 ANSWER 27 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1987:41548 HCAPLUS  
 DOCUMENT NUMBER: 106:41548  
 TITLE: Offsetting elimination in electrophotography  
 INVENTOR(S): Honda, Yoko; Fujii, Masanori; Kubo, Masahiko  
 PATENT ASSIGNEE(S): Mita Industrial Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61083545	A2	19860428	JP 1984-202976	19840929
US 4645729	A	19870224	US 1985-780191	19850926
EP 181081	B1	19920722	EP 1985-306904	19850927
R: DE, FR, GB, NL				
PRIORITY APPLN. INFO.:			JP 1984-202976	19840929

GI



AB In an electrophotog. method involving development and fixing of an electrostatic latent image on a receptor, the toner contains metal complexes of **hydroxycarboxylic acids** and a release agent-contg. binder, and a heated roller is used for fixing. The addn. of the metal complexes extends the nonoffsetting temp. range to the higher side, and results in improved electrophotog. performance. Thus, XPA-525 (acrylic monomer-**styrene copolymer**) 90, low mol.-wt.

Viscol 550P (low mol.-wt. polypropylene) 2, Printex L (C black) 6, Bontrol S-34 (Cr-contg. azo dye for charge control) 1.5, and I 1.5 parts were kneaded, cooled, pulverized and classified to obtain toner particles with an av. diam. of 11.5 .mu.. A black toner was obtained by addn. of 0.5% R-972 (silica powder). The toner was used in electrophoto. by mixing with an Fe **carrier** (25:450). Good flow of the developer, and a nonoffsetting range of 160-200.degree. were obsd. The max. image d. was 1.33, and the background d. was 0.003. For a I-free control toner, the nonoffsetting range was 160-170.degree..

L20 ANSWER 28 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1984:478683 HCAPLUS  
 DOCUMENT NUMBER: 101:78683  
 TITLE: Cosmetic packs  
 PATENT ASSIGNEE(S): Watanabe Yakuhin Kogyo K. K., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 59093012	A2	19840529	JP 1982-200279	19821117
JP 63015243	B4	19880404		

PRIORITY APPLN. INFO.: JP 1982-200279 19821117

AB **Cosmetic** packs contain Na acrylate **polymer** [25549-84-2] 1.apprx.10, Al(OH)3 gel 0.01-1.0, anhyd. silica and/or hydrous silica 0.1.apprx.5.0, and H2O >55% by wt. These packs are safely applied even around the eye. Thus, 2% by wt. silica was added to 61.8% H2O, and Al(OH)3 gel 0.2, CM-cellulose Na 0.7, and glycerin 5% by wt. were added and stirred. To this was added a mixt. of Na acrylate **polymer** 6, propylene glycol 5, and glycerin 15% by wt., and finally a mixt. of H2O 3 and **lactic acid** 1.5% by wt.

L20 ANSWER 29 OF 36 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1984:180132 HCAPLUS  
 DOCUMENT NUMBER: 100:180132  
 TITLE: Transdermal pharmaceutical tapes containing aluminum hydroxide, sodium salt of acrylic polymers  
 PATENT ASSIGNEE(S): Watanabe Yakuhin Kogyo K. K., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 59025320	A2	19840209	JP 1982-134997	19820802

PRIORITY APPLN. INFO.: JP 1982-134997 19820802

AB Transdermal tapes comprise porous **carriers, acrylic acid polymer** Na salt [9003-04-7], Al(OH)3, and drugs. These tapes are stable during storage and have good adhesion to the skin. Thus, **acrylic acid-Na acrylate copolymer** [9033-79-8] 7, CM-cellulose 2, Al(OH)3 0.2, and glycerin 35 parts by wt. were mixed, and alprenolol-HCl [13707-88-5]

1, lactic acid 1.5, and H<sub>2</sub>O to 100 parts were added.  
The mixt. was spread uniformly 1 mm thick on an unwoven material made of polyester and nylon, and laminated with a removable polyethylene film to obtain a transdermal tape.

L20 ANSWER 30 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1983:510772 HCAPLUS

DOCUMENT NUMBER: 99:110772

TITLE: Sustained-release formulations containing neoplasm inhibitors and polymeric carriers

PATENT ASSIGNEE(S): Okazaki, Shoichiro, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 58099411	A2	19830613	JP 1981-195824	19811205
PRIORITY APPLN. INFO.:			JP 1981-195824	19811205

AB Absorbable **polymers** are formulated with neoplasm inhibitors to release the drug slowly in patients. The **carriers** are collagens, poly(**glycolic acid**) [26124-68-5], poly(vinyl alc.) [9002-89-5], gelatin, poly(glutamic acid) [25513-46-6], starch [9005-25-8], poly(**lactic acid**) [26100-51-6], and poly(.beta.-propiolactone) [25037-58-5], and formulations contg. these **carriers** were presented.

L20 ANSWER 31 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1983:198915 HCAPLUS

DOCUMENT NUMBER: 98:198915

TITLE: Poly(thioglycoloyloxyethyl methacrylate)

INVENTOR(S): Podhradsky, Dusan; Kristian, Pavol; Palagyi, Stefan

PATENT ASSIGNEE(S): Czech.

SOURCE: Czech., 5 pp.

CODEN: CZXXA9

DOCUMENT TYPE: Patent

LANGUAGE: Slovak

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CS 200754	B	19800915	CS 1978-4007	19780619
PRIORITY APPLN. INFO.:			CS 1978-4007	19780619

AB Transesterification of crosslinked poly(hydroxyethyl methacrylate) (I) [25249-16-5] with thioglycolic acid esters in org. solvent in the presence of a mineral acid under reflux at 60-70.degree. and, optionally, treatment of the final product with 6,6'-dithiodinicotinic acid [15658-35-2] gave S-contg. polymethacrylates of high purity suitable as a **carrier** for proteins and enzymes. Thus, a mixt. of 35.2 g I (Spheron P 100), 46.3 g Me thioglycolate [2365-48-2], 130 mL THF and 10 mL concn. H<sub>2</sub>SO<sub>4</sub> was refluxed 4 h, filtered, washed with THF, and dried at 80.degree. to give the title **polymer** [85712-68-1] with 55.55% C, 7.19% H, and 5.56% S.

L20 ANSWER 32 OF 36 HCAPLUS COPYRIGHT 2003 ACS



ACCESSION NUMBER: 1983:181503 HCAPLUS  
 DOCUMENT NUMBER: 98:181503  
 TITLE: Thioglycolic acid  
 AUTHOR(S): Kauder, O. S.  
 CORPORATE SOURCE: Argus Chem. Corp., Brooklyn, NY, 11231, USA  
 SOURCE: Kirk-Othmer Encycl. Chem. Technol., 3rd Ed. (1983),  
 Volume 22, 933-46. Editor(s): Grayson, Martin;  
 Eckroth, David. Wiley: New York, N. Y.  
 CODEN: 37ASAA  
 DOCUMENT TYPE: Conference; General Review  
 LANGUAGE: English

AB A review with 91 refs. describes the manuf. of thioglycolic acid [68-11-1] and its use in manuf. of derivs. for the plastics and cosmetic industries. Water-sol. thioglycolates (e.g., NH<sub>4</sub> and monoethanolamine salts and the glycerol monoester) are used for waving or straightening hair; water-insol. metal mercaptides, esp. alkyltin and Sb alkyl thioglycolates, are compounded into vinyl chloride polymers to protect color and phys. properties.

L20 ANSWER 33 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1979:92258 HCAPLUS  
 DOCUMENT NUMBER: 90:92258  
 TITLE: Agent and method for treating keratin materials with cationic and anionic polymers  
 INVENTOR(S): Grollier, Jean Francois; Fiquett, Claire; Fourcadier, Chantal; Dubief, Claude; Cauwet, Daniele  
 PATENT ASSIGNEE(S): Oreal S. A., Fr.  
 SOURCE: Ger. Offen., 241 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2811010	A1	19780928	DE 1978-2811010	19780314
DE 2811010	C2	19890524		
BE 864863	A1	19780914	BE 1978-185908	19780314
SE 7802899	A	19780916	SE 1978-2899	19780314
SE 462612	B	19900730		
SE 462612	C	19901122		
DK 7801139	A	19780916	DK 1978-1139	19780314
DK 167995	B1	19940117		
NL 7802748	A	19780919	NL 1978-2748	19780314
NL 185391	B	19891101		
NL 185391	C	19970411		
FR 2383660	A1	19781013	FR 1978-7363	19780314
FR 2383660	B1	19830211		
JP 53139734	A2	19781206	JP 1978-29176	19780314
JP 62007164	B4	19870216		
ES 467825	A1	19790916	ES 1978-467825	19780314
US 4240450	A	19801223	US 1978-886554	19780314
GB 1603321	A	19811125	GB 1978-10106	19780314
GB 1603322	A	19811125	GB 1978-34706	19780314
GB 1603323	A	19811125	GB 1978-35006	19780314
GB 1603324	A	19811125	GB 1978-35539	19780314
CA 1138337	A1	19821228	CA 1978-298910	19780314
CH 637823	A	19830831	CH 1978-2791	19780314

AT 7801818	A	19831015	AT 1978-1818	19780314
AT 390186	B	19900326		
CH 648480	A	19850329	CH 1978-6802	19780314
DE 2858306	C2	19890524	DE 1978-2858306	19780314
DE 2858307	C2	19890524	DE 1978-2858307	19780314
DE 2858308	C2	19890524	DE 1978-2858308	19780314
CH 649887	A3	19850628	CH 1978-9594	19780913
CH 649887	B	19851231		
ES 475663	A1	19790516	ES 1978-475663	19781201
ES 475664	A1	19790516	ES 1978-475664	19781201
US 4445521	A	19840501	US 1980-180443	19800822
AT 8103414	A	19930715	AT 1981-3414	19810803
AT 397196	B	19940225		
CA 1138338	A2	19821228	CA 1982-395510	19820203
CA 1138339	A2	19821228	CA 1982-395511	19820203
SE 8306193	A	19831110	SE 1983-6193	19831110
SE 500985	C2	19941010		
US 4719099	A	19880112	US 1985-749440	19850627
US 5009880	A	19910423	US 1987-116667	19871104
NL 8902717	A	19900301	NL 1989-2717	19891103
NL 190311	B	19930816		
NL 190311	C	19940117		
NL 8902718	A	19900301	NL 1989-2718	19891103
NL 190312	B	19930816		
NL 190312	C	19940117		

## PRIORITY APPLN. INFO.:

LU 1977-76955	19770315
AT 1978-1818	19780314
CA 1978-298910	19780314
CH 1978-2791	19780314
GB 1978-10106	19780314
NL 1978-2748	19780314
US 1978-886554	19780314
US 1980-180443	19800822
US 1984-587008	19840307
US 1985-749440	19850627

AB **Cosmetic** compns. for treatment of keratin-contg. materials including nail hardeners, shaving preps. for skin lubrication, and esp. hair conditioners, shampoos, setting and waving preps. comprise a combination of 0.01-10% of an anionic **polymer** and 0.01-10% of a cationic **polymer**. The presence of cationic **polymers** and their with anionic **polymers** allow the anionic **polymer** to adhere to the keratinous material, and yet be removable by rinsing or washing. Suitable cationic **polymers** include quaternized cellulose ether derivs., piperidinylen **polymers**, acrylates or methacrylates, piperazinylen **polymers**, quaternary ammonium **polymers**, N-vinylpyrrolidone **copolymers**, crosslinked polyaminoamides, alkoxylated or acylated polyalkenylenimines, vinylpyridine-contg. **polymers**, urea-formaldehyde resins, epichlorohydrin-polyamine condensates, vinylbenzylammonium **polymers**, quaternized polyureas, and **polymeric** dyes. Suitable anionic **polymers** include **polymers** contg. .gtoreq.1 crotonic-, acrylic- or **methacrylic acid**, 1,2-ethylenedicarboxylic or allyloxy- or allylthioalkanoic acid groups, or a sulfonic acid group selected from polystyrenesulfonic acid salts, or alkali or alk. earth metal salts of lignin-derived sulfonic acids. For example, a conditioning shampoo comprised Flexan 500 [9080-79-9] 0.4, adipic acid-epichlorohydrin-triethylenetetramine **copolymer** [26568-79-6] 0.6, triethanolamine C12-14 alkylsulfate 10, copra diethanolamide (adjusted to pH 7.5 with **lactic acid**)

3, and H2O to 100 g. The compn. applied to dirty, wet hair gave a soft foam. After drying, the hair had more body and reduced static, appeared full and springy, and showed good wave retention.

L20 ANSWER 34 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1974:61367 HCAPLUS  
DOCUMENT NUMBER: 80:61367  
TITLE: Adhesive agent of high water resistance useful for  
corrugated cardboard  
INVENTOR(S): Matsumoto, Mitsuhiro; Hamano, Saburo; Hirabayashi,  
Toru  
PATENT ASSIGNEE(S): Daicell Co., Ltd.  
SOURCE: Jpn. Tokkyo Koho, 2 pp.  
CODEN: JAXXAD  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 48010377	B4	19730403	JP 1968-12795	19680229

PRIORITY APPLN. INFO.: JP 1968-12795 19680229

AB A **carrier** mixt. of cellulose carboxymethyl ether (I) [9000-11-7], cellulose 2-hydroxyethyl ether [9004-62-0], cellulose Me ether [9004-67-5], or vinyl acetate-maleic anhydride **copolymer** [24980-59-4] and glyoxal (II) [107-22-2] is mixed with a main aq. starch (III) [9005-25-8] dispersion in such a way that II is 0.5-5% of III to give a water-resistant adhesive for corrugated card boards. Thus, a **carrier** mixt. of 1.5% aq. I 264 and 40% aq. II 5 g was combined with a main part of water 148, III 91, and borax 2.5 g to give an adhesive mixt. which was applied to cardboards and pressed 10 sec at 140.deg. and 100 g/cm2. The bonding was water resistant (10 days in water).

L20 ANSWER 35 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1973:68238 HCAPLUS  
DOCUMENT NUMBER: 78:68238  
TITLE: Herbicides bound to synthetic resin carriers  
INVENTOR(S): Jeschkeit, Hans; Barth, Alfred; Jakubke, Hans Dieter;  
Feyerabend, Guenter  
SOURCE: Ger. (East), 2 pp.  
CODEN: GEXXA8  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DD 85468		19711020	DD 1969-138729	19690321

AB When herbicidally active compds. such as phenoxyacetic acid [122-59-8], phenoxypropionic acid [38669-41-9] or phenoxybutyric acid [38669-42-0] were bound covalently to synthetic resin **carriers** such as chloromethylated polystyrol divinylbenzol [9003-70-7], the resultant product, phenoxyacid-**polymer**, was inactive and water insol. The reactivation of the herbicide from the **carrier** occurred either by chem. or enzymic means. The enzymic activation of the herbicide-**polymer** complex was dependent on the

microbial population of the soil. Unbound resins in the soil were herbicidally inactive, and improved the adsorption capacity of the soil.

L20 ANSWER 36 OF 36 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1937:58301 HCAPLUS

DOCUMENT NUMBER: 31:58301

ORIGINAL REFERENCE NO.: 31:8071g-i,8072a-g

TITLE: Nitrogenous products; wetting agents, etc.

PATENT ASSIGNEE(S): I. G. Farbenindustrie A.-G.

DOCUMENT TYPE: Patent

LANGUAGE: Unavailable

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 466270		19370524	GB	

AB Assistants useful in the textile, leather, lacquer, rubber, pharmaceutical and **cosmetic** industries are obtained by condensing mono- or poly-meric 1,2-alkyleneimines with carboxylic acids, their anhydrides, halides or esters. The treatment of ethyleneimine (I), N-methylethyleneimine (II) and diphenylethyleneimine with BzCl in the presence of alk. substances is, however, disclaimed. The reaction may be combined with a condensation with (a) alcs., oxides or esters, (b) halogenated aromatic compds. or aromatic sulfonyl halides, (c) aldehydes or ketones or (d) other substances capable of condensation, e. g., urea, dimethylolurea, thiourea, phenols, cetylamine, octodecylamine, **styrene**, synthetic rubber, synthetic resins. Among examples, (1) I (mono- or poly-meric) is condensed with palm-kernel oil fatty acid chlorides, stearic acid chloride, bromostearic acid chloride, stearic acid anhydride, dodecyl ether of **glycolic acid** chloride, BzCl, mono- or di-chloro-acetic acid, bromoacetic acid, chloroacetyl chloride, **maleic acid** chlorocarbonic esters of the alcs. derived from palm-kernel oil or stearyl chlorocarbonate, (2) the product from **polymerized** I and stearic acid chloride is treated with chloroethanesulfonic, chloroacetic, succinic or **acrylic acid** or Na chloromethylbenzenesulfonate, (3) propylethyleneimine is condensed first with ethylene oxide and then with nut oleic acid chloride, (4) an artificial resin is obtained by treating with CH<sub>2</sub>O the condensation product of **polymeric** I with palm-kernel fatty acid chloride and (5) a textile fabric is treated with a soln. of a product obtained from **polymeric** I and palm-kernel alkyl bromides and is then immersed in a soln. of CH<sub>2</sub>O. In Brit. 466,344, May 24, 1937, divided on 466,270, the mono- or poly-meric 1,2-alkyleneimines are condensed with aliphatic alcs. or oxides or esters thereof, other than carboxylic acid esters. The treatment of monomeric I or II with MeI is also excluded. The reaction may be combined with a condensation with substances enumerated under (b), (c) and (d) above. Among examples, (1) **polymerized** I is treated with the alkyl bromides corresponding to palm-kernel fatty acids; the products may be treated with ClHSO<sub>3</sub> or POCl<sub>3</sub> to render them sol.; a textile fabric is treated with a soln. of the product in a solvent and then passed into a bath of CH<sub>2</sub>O; a resin is produced by treating the product with excess CH<sub>2</sub>O, (2) N-phenyl-, benzyl- or cyclohexyl-ethyleneimine is treated with ethylene oxide to obtain a leveling agent having disinfecting action and (3) **polymeric** propyl- or phenyl-ethyleneimine is caused to react with monoglycerol chlorohydrin; by the introduction of high-mol. aliphatic radicals, e. g., by means of dodecyl bromide, products having a H<sub>2</sub>O-repelling action are obtained. In Brit. 466,345, May 24, 1937, divided on 466,-270, the mono-

or poly-meric 1,2-alkyleneimines are condensed with halogenated aromatic compds. or aromatic sulfonic acid halides. The treatment of monomeric I or II with benzenesulfonic or toluenesulfonic acid chloride in the presence of NaOH is, however, disclaimed. The reaction may be combined with a condensation with substances enumerated under (c) and (d) above. In examples, (1) butylethyleneimine is condensed with 2,4-dinitro-1-chlorobenzene; the product, as well as the diamino compd. obtained by reduction, may be used in the production of Cu or viscose rayon, and (2) **polymeric** I is caused to react with toluenesulfonic acid chloride or p-nitrobenzyl chloride; the product may be treated with chloroethanesulfonic acid or sulfonating agents. In Brit. 466,346, May 24, 1937, divided on 466,270, the mono- or poly-meric 1,2-alkyleneimines are condensed with aldehydes or ketones. The condensation may be conducted with the addn. of other substances capable of condensation such as those listed under (d) above. Among examples, (1) I is condensed with CH<sub>2</sub>O, crotonaldehyde, oleic aldehyde, BzH, Me<sub>2</sub>CO, benzophenone or cyclohexanone, (2) cotton or regenerated cellulose rayon is treated with a soln. of **polymerized** I in CCl<sub>4</sub> and is then immersed in CH<sub>2</sub>O and (3) butylethyleneimine is treated with AcH or BzH to give an artificial mass.

show files

File 155:MEDLINE(R) 1966-2003/Mar W4  
 (c) format only 2003 The Dialog Corp.  
 File 5:Biosis Previews(R) 1969-2003/Mar W4  
 (c) 2003 BIOSIS  
 File 34:SciSearch(R) Cited Ref Sci 1990-2003/Mar W4  
 (c) 2003 Inst for Sci Info  
 File 35:Dissertation Abs Online 1861-2003/Mar  
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 File 65:Inside Conferences 1993-2003/Mar W5  
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 File 73:EMBASE 1974-2003/Mar W4  
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 File 94:JICST-EPlus 1985-2003/Mar W5  
 (c) 2003 Japan Science and Tech Corp(JST)  
 File 144:Pascal 1973-2003/Mar W4  
 (c) 2003 INIST/CNRS  
 File 165:EventLine(TM) 1990-2003/Mar  
 (c) 2003 Elsevier Science B.V.  
 File 340:CLAIMS(R)/US Patent 1950-03/Mar 27  
 (c) 2003 IFI/CLAIMS(R)  
 File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200312  
 (c) 2003 EPO  
 File 351:Derwent WPI 1963-2003/UD,UM &UP=200321  
 (c) 2003 Thomson Derwent  
 File 357:Derwent Biotech Res. 1982-2003/Mar W5  
 (c) 2003 Thomson Derwent & ISI  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 1998 Inst for Sci Info  
 File 440:Current Contents Search(R) 1990-2003/Apr 01  
 (c) 2003 Inst for Sci Info

?ds

Set	Items	Description
S1	171327	(HYDROXYCARBOXYLIC OR GLYCOLIC OR LACTIC OR HYDROXYOCTANOIC) (W)ACID?
S2	104306	TAUR? OR ACRYLOYL(W)DIMETHYLTAUR?
S3	467558	S STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYLETHETHER) OR CHLOROSTYRENE OR CHLORO(W)STYRENE OR ACRYLAMIDE - OR METHACRYLAMID?
S4	326	(S2 AND S3) (S) POLYMER?
S5	320	RD (unique items)
S6	36	S1 AND L5
S7	51	S1 AND S5
S8	39	S7 AND (COSMET? OR SHAMPOO? OR LIP? OR EYE? OR SKIN OR EPI- DERM?)
S9	39	RD (unique items)
S10	6	S9 AND CARRIER?

?t10/3 ab/1-6

>>>No matching display code(s) found in file(s): 65, 165, 345

10/AB/1 (Item 1 from file: 340)  
 DIALOG(R)File 340:CLAIMS(R)/US Patent  
 (c) 2003 IFI/CLAIMS(R). All rts. reserv.

Dialog Acc No: 3596483 IFI Acc No: 0140646

Document Type: C

TRIGLYCERIDE-FREE COMPOSITIONS AND METHODS FOR ENHANCED ABSORPTION OF  
 HYDROPHILIC THERAPEUTIC AGENTS

Inventors: Chen Feng-Jing (US); Patel Mahesh V (US)  
 Assignee: Lipocine Inc  
 Assignee Code: 57527  
 Publication (No,Date), Applic (No,Date):  
 US 6309663 20011030 US 99375636 19990817  
 Publication Kind: B  
 Calculated Expiration: 20190817  
 Priority Applic(No,Date): US 99375636 19990817

Abstract: The present invention relates to pharmaceutical compositions, pharmaceutical systems, and methods for enhanced absorption of hydrophilic therapeutic agents. Compositions and systems of the present invention include an absorption enhancing carrier, where the carrier is formed from a combination of at least two surfactants, at least one of which is hydrophilic. A hydrophilic therapeutic agent can be incorporated into the composition, or can be co-administered with the composition as part of a pharmaceutical system. The invention also provides methods of treatment with hydrophilic therapeutic agents using these compositions and systems.

10/AB/2 (Item 2 from file: 340)  
 DIALOG(R)File 340:CLAIMS(R)/US Patent  
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Dialog Acc No: 3550578 IFI Acc No: 0128530  
 Document Type: C

CLEAR OIL-CONTAINING PHARMACEUTICAL COMPOSITIONS; COMPOSITION COMPRISING TRIGLYCERIDE, CARRIER COMPRISING AT LEAST TWO SURFACTANTS, AT LEAST ONE BEING HYDROPHILIC, THERAPEUTIC AGENT CAPABLE OF BEING SOLUBILIZED IN TRIGLYCERIDE AND/OR CARRIER; FORMS CLEAR AQUEOUS DISPERSION

Inventors: Chen Feng-Jing (US); Patel Mahesh V (US)  
 Assignee: Lipocine Inc  
 Assignee Code: 57527  
 Publication (No,Date), Applic (No,Date):  
 US 6267985 20010731 US 99345615 19990630  
 Publication Kind: B  
 Calculated Expiration: 20190630  
 Priority Applic(No,Date): US 99345615 19990630

Abstract: The present invention relates to pharmaceutical compositions and methods for improved solubilization of triglycerides and improved delivery of therapeutic agents. Compositions of the present invention include a triglyceride and a carrier, where the carrier is formed from a combination of at least two surfactants, at least one of which is hydrophilic. Upon dilution with an aqueous solvent, the composition forms a clear, aqueous dispersion of the triglyceride and surfactants. An optional therapeutic agent can be incorporated into the composition, or can be co-administered with the composition. The invention also provides methods of enhancing triglyceride solubility and methods of treatment with therapeutic agents using these compositions.

10/AB/3 (Item 1 from file: 351)  
 DIALOG(R)File 351:Derwent WPI  
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014735709

WPI Acc No: 2002-556413/200259  
 Related WPI Acc No: 2001-091750; 2001-244222  
 XRAM Acc No: C02-157714  
 XRPX Acc No: N02-440361

Pharmaceutical composition forming clear dispersion on mixing with water,

containing triglyceride, combination of surfactants and drug, e.g. polysaccharide such as the antithrombotic agent and anticoagulant heparin  
 Patent Assignee: CHEN F (CHEN-I); FIKSTAD D T (FIKS-I); PATEL M V (PATE-I); LIPOCINE INC (LIPO-N)

Inventor: CHEN F; FIKSTAD D T; PATEL M V

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020032171	A1	20020314	US 99345615	A	19990630	200259 B
			US 99375636	A	19990817	
			US 2000751968	A	20001229	
			US 2001877541	A	20010608	
WO 200253100	A2	20020711	WO 2001US50752	A	20011228	200259

Priority Applications (No Type Date): US 2001877541 A 20010608; US 99345615 A 19990630; US 99375636 A 19990817; US 2000751968 A 20001229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020032171	A1		45	A61K-031/715	CIP of application US 99345615
					CIP of application US 99375636
					CIP of application US 2000751968
					CIP of patent US 6267985
					CIP of patent US 6309663

WO 200253100 A2 E A61K-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20020032171 A1

Abstract (Basic):

NOVELTY - A pharmaceutical composition (A) comprises an active agent (I) and a carrier (II) consisting of a triglyceride (TG) and at least two surfactants (ST) (at least one of which is hydrophilic), the amounts of TG and ST being such that a clear aqueous dispersion (absorbance less than 0.3 at 400 nm) is formed when (II) is mixed at 1 wt. % with an aqueous medium.

DETAILED DESCRIPTION - A pharmaceutical composition (A) comprises an active agent (I) and a carrier (II) consisting of a triglyceride (TG) and at least two surfactants (ST) (at least one of which is hydrophilic), the amounts of TG and ST being such that a clear aqueous dispersion (absorbance less than 0.3 at 400 nm) is formed when (II) is mixed at 1 wt. % with an aqueous medium. (I) is polysaccharide drug or oil-soluble vitamin; or may be any therapeutic agent provided that (II) contains at least one hydrophobic ST in an amount greater than that remaining solubilized in the absence of TG.

INDEPENDENT CLAIMS are included for:

- (1) various (A)-based dosage forms;
- (2) methods for treating mammalian patients by administration of (A); and
- (3) methods for increasing the amounts of increasing the amount of a hydrophilic surfactant which can be solubilized in a clear aqueous dispersion or for increasing the loading capacity of a (I)-containing pharmaceutical composition, involving use of combinations of TG and at least two ST's as above.

USE - The composition is used for the improved solubilization of triglycerides and improved delivery of therapeutic agents.

ADVANTAGE - The TG/ST combination has good solubilization and delivery properties, allowing an increased loading capacity and often



giving an increased rate and/or degree of bioabsorption of (I). In particular TG can be dissolved in amount greater than that possible in the absence of hydrophobic surfactant and the hydrophobic surfactant can be dissolved in an amount greater than that in the absence of TG. (A) form clear dispersions, and are homogeneous and thermodynamically stable. In particular chemically and physically stable polysaccharide drug formulations can be obtained.

pp; 45 DwgNo 0/0

10/AB/4 (Item 2 from file: 351)  
 DIALOG(R)File 351:Derwent WPI  
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014494632

WPI Acc No: 2002-315335/200235

XRAM Acc No: C02-091743

XRPX Acc No: N02-246822

Preparing an electrostatically chargeable electro-powder useful for electrostatic charging and dosing for functionality in a dry powder inhaler device by addition of a powder to a mixture of excipient and active ingredient

Patent Assignee: MICRODRUG AG (MICR-N)

Inventor: NILSSON L; NILSSON T

Number of Countries: 096 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200211803	A1	20020214	WO 2001SE1682	A	20010727	200235 B
SE 200002822	A	20020129	SE 20002822	A	20000804	200235
AU 200182743	A	20020218	AU 200182743	A	20010727	200244
SE 516555	C2	20020129	SE 20002822	A	20000804	200320

Priority Applications (No Type Date): SE 20002822 A 20000804

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200211803 A1 E 54 A61M-015/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT, KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

SE 200002822 A A61M-015/00

AU 200182743 A A61M-015/00 Based on patent WO 200211803

SE 516555 C2 A61M-015/00

Abstract (Basic): WO 200211803 A1

Abstract (Basic):

NOVELTY - Preparation of an electro-powder involves analyzing a formulation containing an electrostatically chargeable powder, an active agent and optionally excipient for determining its electrostatic qualities; preparing a formulation (a) in accordance with the analysis results using a selected formulation and manufacturing equipment; analyzing the prepared (a) to verify the basic requirements of the finely-divided electrostatically chargeable electro-powder.

DETAILED DESCRIPTION - Method (I) of preparation of an electro-powder having a finely-divided powder involves: i) providing a first electrostatically chargeable powder (A) having a particle size suitable for inhalation therapy and consisting an active agent or the mixture of the agent and optionally at least one excipients; (ii) analyzing the pharmaceutical formulation for determining its electrostatic qualities for selecting a composition and manufacturing

process giving suitable electrostatic properties; iii) preparing a formulation (a) in accordance with the analysis results using a selected formulation and a manufacturing equipment; iii) analyzing the prepared (a) to verify that it fulfils the basic requirements of a finely-divided electrostatically chargeable electro-powder suitable for manufacture of doses. If the formulation is found not to comply with the basic requirements, the above process is repeated for finding another composition and/or manufacturing process for a suitable new formulation.

INDEPENDENT CLAIMS are also included for the following:

(1) a finely divided electrostatically chargeable electropowder for manufacture of doses using either corona, induction or tribo-electric charging in conjunction with electric field dosing techniques and for administration into the airways by oral inhalation from a dry powder inhaler, contains particles (A1) having aerodynamic mass median diameter of at most 5µm and providing electrostatic properties regarding absolute specific charge per mass after charging of 0.1 - 50 (preferably 0.1 - 25) µC/g and presenting a charge decay rate constant (Q50) of more than 0.1 seconds;

(2) a method (II) for preparing (A) involving adding at least one excipient to at least one active ingredient forming the powder to improve the efficiency of the powder;

(3) preparing an electrostatically chargeable electro-powder to achieve specified electrostatic properties involving dosing the electro-powder onto a technical device using electric field dosing techniques and subsequently loading into an dry powder inhaler device the technical device containing at least one doses of powder.

USE - For manufacture of doses using either corona, induction or tribo-electric charging in conjunction with electric field dosing techniques of the powder intended for administration into the airways by oral inhalation from a dry powder inhaler device.

ADVANTAGE - The electro-powder can be dosed with high efficacy and quality by electrostatic dosing equipment. The powder provides electrostatic properties regarding absolute specific charge per mass after charging of 0.1 - 25 µC/g.

pp; 54 DwgNo 0/13

10/AB/5 (Item 3 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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012672131

WPI Acc No: 1999-478238/199940

Related WPI Acc No: 1997-042829; 1999-204013

XRAM Acc No: C99-140688

Composition containing a camptothecin derivative and N-methylpyrrolidin-2-one, used in the treatment of cancer

Patent Assignee: BIONUMERIK PHARM INC (BION-N)

Inventor: HARIDAS K; HAUSHEER F H; MURALI D; REDDY D G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5935967	A	19990810	US 95461385	A	19950605	199940 B
			US 96667424	A	19960621	
			US 989067	A	19980120	

Priority Applications (No Type Date): US 989067 A 19980120; US 95461385 A 19950605; US 96667424 A 19960621

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5935967	A	4	A61K-031/475	CIP of application US 95461385

Searched by M. Smith

CIP of application US 96667424  
 CIP of patent US 5726181  
 CIP of patent US 5880133

Abstract (Basic): US 5935967 A

Abstract (Basic):

NOVELTY - Composition comprises a camptothecin derivative (I) and a volume of N-methylpyrrolidin-2-one (NMP).

DETAILED DESCRIPTION - Composition in the form of a solution or suspension comprises a camptothecin derivative of formula (I), or its salts, and a volume of NMP.

R1=H, or acyl, 2-8C alkenyl, or 2-8C alkynyl (optionally substituted by Q1), or aryl, aralkyl, aralkenyl, aralkynyl, heterocyclyl, SR5, S(O)-lower alkyl, loweralkyl-P(O)R6R7, X-SiR8R9R10, X(1-6C)alkylSiR8R9R10, X(2-6C)alkenylSiR8R9R10, or X(2-6C)alkynylSiR8R9R10;

Q1=halo, OR4 or lower alkyl;

R4-R10=H or lower alkyl;

R2=H, halo, lower alkyl, NH2 or NO2, provided that R1 and R2 are not both H;

R11=H, OH or lower alkyl; and

X=S or is absent.

ACTIVITY - Antineoplastic.

MECHANISM OF ACTION - None given.

USE - The compositions are used in the treatment of cancer.

ADVANTAGE - The solubility of highly lipophilic, poorly water soluble (I) is increased to 15.0-25.0 mg/ml in NMP, allowing for more concentrated drug solutions to be prepared in advance of formulating. The resulting lower solvent volume delivery to patients reduces the risk of toxicity and increases patient compliance.

pp; 4 DwgNo 0/0

10/AB/6 (Item 4 from file: 351)  
 DIALOG(R)File 351:Derwent WPI  
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008135333

WPI Acc No: 1990-022334/199003

XRAM Acc No: C90-009864

XRPX Acc No: N90-016972

Reagent for removal of a substance from physiological fluids - comprising carrier substance having bound binding ligand and bio-compatibility agent

Patent Assignee: DU PONT DE NEMOURS & CO E I (DUPO )

Inventor: WHITE C T

Number of Countries: 016 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8912390	A	19891228	WO 88US2067	A	19880620	199003 B
ES 2012835	A	19900416	ES 882047	A	19880629	199021 N
NO 9005496	A	19901219				199116
DK 9003011	A	19901219				199118
EP 427715	A	19910522	EP 88906570	A	19880620	199121
JP 3505287	W	19911121	JP 88506401	A	19880620	199202

Priority Applications (No Type Date): WO 88US2067 A 19880620; ES 882047 A 19880629; WO 88UUS2067 U 19880620

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 WO 8912390 A E 40

Designated States (National): DK FI JP NO

Searched by M. Smith

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE  
 EP 427715 A  
 Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

Abstract (Basic): WO 8912390 A

A water-insol. reagent for removal of a substance from physiological fluids is claimed comprising (a) a carrier substance (I) and immobilised on the surface of (I); (b) a binding ligand (II) specific for the substance and (c) a biocompatibility agent (III) comprising an organic molecule with a nucleophilic moiety and a negatively-charged moiety sepd. by a spacer arm, (III) being immobilised on the surface through reaction with the nucleophilic moiety (I) may be neutral polymer, e.g. Affigel (RTM) 10 or 15, cresyl-Sepharose (RTM), CNBr-Sepharose (RTM), Reacti-Gel (RTM, CDI activated agarose/dextran), Eupergit (RTM) C, trityl-agarose, oxirane acrylic beads, p-nitrophenol agarose, activated CMC, poly-glycidyl methacrylate, PEI-glutaraldehyde activated nylon, PEI-glutaraldehyde activated silica, glutaraldehyde-activated agarose, isocyanate-activated agarose, maleimide-activated agarose or chloromethylpolystyrene. (III) may be e.g. sulphamic acid, taurine, sulphanilic acid, glycine, aspartate, cysteine, isethionic acid, hydroxybenzenesulphonic acid, glucose sulphate, lactic acid, glucuronic acid, 2-mercaptoethanesulphonic acid, mercaptoacetic acid, thiosalicylic acid or thiolactic acid.

USE/ADVANTAGE - The reagents remove substances from physiological fluids while minimising adverse reactions such as complement activation. They can be used to remove from blood or plasma a substance that is associated with a disease, e.g. auto-immune diseases or metabolic disorders. A pref'd. use is the removal of low density lipoproteins

?ds

Set	Items	Description
S1	171327	(HYDROXYCARBOXYLIC OR GLYCOLIC OR LACTIC OR HYDROXYOCTANOIC) (W)ACID?
S2	104306	TAUR? OR ACRYLOYL(W)DIMETHYLTAUR?
S3	467558	S STYRENE OR (ACRYLIC OR METHACRYLIC OR MALEIC) (W)ACID? OR VINYL(W) (CHLORIDE OR ACETATE OR PYRROLIDONE OR ALCOHOL OR METHYLETHETHER) OR CHLOROSTYRENE OR CHLORO(W)STYRENE OR ACRYLAMIDE - OR METHACRYLAMID?
S4	326	(S2 AND S3) (S)POLYMER?
S5	320	RD (unique items)
S6	36	S1 AND L5
S7	51	S1 AND S5
S8	39	S7 AND (COSMET? OR SHAMPOO? OR LIP? OR EYE? OR SKIN OR EPI- DERM?)
S9	39	RD (unique items)
S10	6	S9 AND CARRIER?
S11	5	S7 (S)COSMET?
S12	5	S11 NOT S10

?t12/3 ab/1-5

>>>No matching display code(s) found in file(s): 65, 165, 345

12/AB/1 (Item 1 from file: 340)  
 DIALOG(R)File 340:CLAIMS(R)/US Patent  
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Dialog Acc No: 3732526 IFI Acc No: 0228120

Document Type: C

COMPOSITION FOR WASHING KERATIN MATERIALS, BASED ON A DETERGENT SURFACTANT, A POLYORGANOSILOXANE AND AN ACRYLIC TERPOLYMER

Inventors: Beauquay Bernard (FR); Maurin Veronique (FR)

Assignee: L'Oreal S A FR  
 Assignee Code: 47368  
 Publication (No,Date), Applic (No,Date):  
 US 6432894 20020813 US 2000671195 20000928  
 Publication Kind: B  
 Calculated Expiration: 20200928  
 Priority Applic(No,Date): FR 9912163 19990929

Abstract: A composition for washing keratin materials, combines, in a cosmetically acceptable medium: i) at least one detergent surfactant; ii) at least one polyorganosiloxane oil with a viscosity greater than or equal to 0.1 m<sup>2</sup>.s<sup>-1</sup> ; and iii) at least one acrylic terpolymer made up of a monomer (a) chosen from a C1 -C6 alkyl acrylate and a C1 -C6 alkyl methacrylate, a monomer (b) chosen from a heterocyclic vinyl compound with at least one nitrogen or sulphur atom, a (meth) acrylamide , a mono- or di(C1 C4)alkylamino(C1 -C4)alkyl (meth)acrylate and a mono- or di(C1 C4)alkylamino(C1 -C4)alkyl (meth) acrylamide , and a monomer (c) chosen from a urethane produced by reaction between a monoethylenic unsaturated isocyanate and a nonionic surfactant, a copolymerizable ethylenic surfactant monomer, a surfactant monomer of urea type, an allyl ether carrying alkylenoxy groups and a nonionic monomer of urethane type.

12/AB/2 (Item 2 from file: 340)  
 DIALOG(R)File 340:CLAIMS(R)/US Patent  
 (c) 2003 IFI/CLAIMS(R). All rts. reserv.

Dialog Acc No: 3678603 IFI Acc No: 0214240  
 Document Type: C  
 ANTIDANDRUFF COMPOSITION FOR TREATING THE HAIR AND THE SCALP, BASED ON AN ANTIDANDRUFF AGENT AND AN ACRYLIC TERPOLYMER; SHAMPOO FOR HAIR WITH ANTIDANDRUFF AGENT AND DERIVATIVE OF 1-HYDROXY-2-PYRIDONE  
 Inventors: Beauquey Bernard (FR); Maurin Veronique (FR)  
 Assignee: L'Oreal S A FR  
 Assignee Code: 47368  
 Publication (No,Date), Applic (No,Date):  
 US 6383996 20020507 US 2000671196 20000928  
 Publication Kind: B  
 Calculated Expiration: 20200928  
 Priority Applic(No,Date): FR 9912165 19990929

Abstract: An antidandruff composition for treating the hair and scalp combines, in a cosmetically acceptable medium, at least one specific antidandruff agent and at least one acrylic terpolymer made up of a monomer (a) chosen from a C1 -C6 alkyl acrylate and a C1 -C6 alkyl methacrylate; a monomer (b) chosen from a heterocyclic vinyl compound containing at least one nitrogen or sulphur atom, a (meth) acrylamide , a mono- or di(C1 -C4) alkylamino(C1 -C4)alkyl (meth)acrylate, and a mono- or di(C1 -C4) alkylamino(C1 -C4)alkyl(meth) acrylamide , a monomer (c) chosen from a urethane produced by reaction between a monoethylenic unsaturated isocyanate and a nonionic surfactant, a copolymerizable ethylenic surfactant monomer, a surfactant monomer of urea type, an allyl ether containing alkylenoxy groups, and a nonionic monomer of urethane type.

12/AB/3 (Item 3 from file: 340)  
 DIALOG(R)File 340:CLAIMS(R)/US Patent  
 (c) 2003 IFI/CLAIMS(R). All rts. reserv.

Dialog Acc No: 3678602 IFI Acc No: 0214239  
 Document Type: C  
 COMPOSITION FOR WASHING KERATIN MATERIALS, BASED ON A DETERGENT SURFACTANT,

A POLYORGANOSILOXANE, A CATIONIC POLYMER AND A ACRYLIC TERPOLYMER;  
 DETERGENT SURFACTANT FOR WASHING HAIR

Inventors: Beauquey Bernard (FR); Maurin Veronique (FR)

Assignee: L'Oreal S A FR

Assignee Code: 47368

Publication (No,Date), Applic (No,Date):

US 6383995 20020507 US 2000671193 20000928

Publication Kind: B

Calculated Expiration: 20200928

Priority Applic(No,Date): FR 9912164 19990929

Abstract: Composition for washing keratin materials, comprising, in a cosmetically acceptable medium: i) at least one detergent surfactant; ii) at least one polyorganosiloxane with a viscosity of less than 0.1 m<sup>2</sup> X s<sup>-1</sup>; iii) at least one cationic polymer; and iv) at least one acrylic terpolymer consisting of a monomer (a) chosen from a C1 -C6 alkyl acrylate and a C1 -C6 alkyl methacrylate; of a monomer (b) chosen from a heterocyclic vinyl compound containing at least one nitrogen or sulphur atom, a (meth) acrylamide, a mono- or di(C1 -C4)alkylamino(C1 -C4)alkyl (meth)acrylate and a mono- or di(C1 -C4)alkylamino(C1 -C4) alkyl(meth) acrylamide; of a monomer (c) chosen from a urethane produced by reaction between a monoethylenic unsaturated isocyanate and a nonionic surfactant, a copolymerizable ethylenic surfactant monomer, a surfactant monomer of urea type, an allyl ether containing alkylenoxy groups and a nonionic monomer of urethane type.

12/AB/4 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014911916

WPI Acc No: 2002-732622/200279

Related WPI Acc No: 2002-547690; 2002-566575; 2002-583406; 2002-590501;  
 2002-599397; 2002-599398; 2002-599399; 2002-599414; 2002-599415;  
 2002-599420; 2002-608232; 2002-608233; 2002-608234; 2002-619002;  
 2002-732626

XRAM Acc No: C02-207208

Acidic cosmetic, dermatological or pharmaceutical agent contains a copolymer prepared by radical copolymerization of acryloyldimethyltaurine acid and/or acryloyldimethyltaurates.

Patent Assignee: CLARIANT GMBH (CLRN)

Inventor: LOEFFLER M; MORSCHHAEUSER R

Number of Countries: 022 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200243686	A2	20020606	WO 2001EP13861	A	20011128	200279 B
DE 10059822	A1	20020613	DE 1059822	A	20001201	200279
JP 2002205915	A	20020723	JP 2001296935	A	20010927	200279

Priority Applications (No Type Date): DE 1059822 A 20001201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200243686 A2 G 49 A61K-007/48

Designated States (National): BR US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

DE 10059822 A1 A61K-007/00

JP 2002205915 A 26 A61K-007/00

Abstract (Basic): WO 200243686 A2

Abstract (Basic):

NOVELTY - Acidic cosmetic , dermatological or pharmaceutical agent contains a copolymer prepared by radical copolymerization of acryloyldimethyltaurine acid and/or acryloyldimethyltaurates .

DETAILED DESCRIPTION - An acidic cosmetic, dermatological or pharmaceutical agent (A) contains a copolymer prepared by radical copolymerization of:

- (1) acryloyldimethyltaurine acid and/or acryloyldimethyltaurates;
- (2) optionally an olefinically unsaturated, non-cationic, optionally cross-linked comonomer that contains at least one oxygen, nitrogen, sulfur or phosphorous atom and has a mol. wt. of less than 500 g/mol;
- (3) optionally an olefinically unsaturated cationic comonomer that contains at least one oxygen, nitrogen, sulfur or phosphorous atom and has a mol. wt. of less than 500 g/mol;
- (4) optionally an at least monofunctional silicon containing component that is suitable for radical polymerization;
- (5) optionally an at least monofunctional fluorine containing component that is suitable for radical polymerization; and
- (6) optionally a mono- or multi-olefinically unsaturated, optionally cross-linkable macromonomer containing at least one oxygen, nitrogen, sulfur or phosphorous atom and a number average mol. wt. of at least 200 g/mol whereby the macromonomer (6) is not (4) or (5).

The copolymerization is carried out in the presence of a polymeric additive (7) having a number average mol. wt. of 200 g/mol-109 g/mol with the proviso that (1) is copolymerized with at least one of (4)-(7).

USE - The composition (A) is useful as a cosmetic, dermatological or pharmaceutical agent.

ADVANTAGE - The composition forms a stable emulsion over a range of pH values.

pp; 49 DwgNo 0/0

12/AB/5 (Item 2 from file: 351)  
 DIALOG(R)File 351:Derwent WPI  
 (c) 2003 Thomson Derwent. All rts. reserv.

014787528

WPI Acc No: 2002-608234/200265

Related WPI Acc No: 2002-547690; 2002-566575; 2002-583406; 2002-590501;  
 2002-599397; 2002-599398; 2002-599399; 2002-599414; 2002-599415;  
 2002-599420; 2002-608232; 2002-608233; 2002-619002; 2002-732622;  
 2002-732626

XRAM Acc No: C02-171837

Electrolyte containing cosmetic , dermatological or pharmaceutical agent, useful as a shampoo or shower bath, contains a copolymer of acryloyldimethyltaurine acid and/or acryloyldimethyltaurates

Patent Assignee: CLARIANT GMBH (CLRN )

Inventor: LOEFFLER M; MORSCHHAEUSER R

Number of Countries: 021 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200244267	A2	20020606	WO 2001EP13868	A	20011128	200265 B
DE 10059824	A1	20020613	DE 1059824	A	20001201	200265

Priority Applications (No Type Date): DE 1059824 A 20001201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200244267 A2 G 45 C08L-033/00

Designated States (National): BR US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

DE 10059824 A1 A61K-007/00

Abstract (Basic): WO 200244267 A2

Abstract (Basic):

NOVELTY - An electrolyte containing cosmetic, dermatological or pharmaceutical agent contains at least one copolymer prepared by radical copolymerization of acryloyldimethyltaurine acid and/or acryloyldimethyltaurates.

DETAILED DESCRIPTION - An electrolyte containing cosmetic, dermatological or pharmaceutical agent (A) contains at least one copolymer prepared by radical copolymerization of:

- (1) acryloyldimethyltaurine acid and/or acryloyldimethyltaurates;
- (2) optionally an olefinically unsaturated, non-cationic, optionally cross-linked comonomer that contains at least one oxygen, nitrogen, sulfur or phosphorous atom and has a mol. wt. of less than 500 g/mol;
- (3) optionally an olefinically unsaturated cationic comonomer that contains at least one oxygen, nitrogen, sulfur or phosphorous atom and has a mol. wt. of less than 500 g/mol;

(4) optionally an at least monofunctional silicon containing component that is suitable for radical polymerization;

(5) optionally an at least monofunctional fluorine containing component that is suitable for radical polymerization;

(6) optionally a mono- or multi-olefinically unsaturated, optionally cross-linkable macromonomer containing at least one oxygen, nitrogen, sulfur or phosphorous atom and a number average mol. wt. of at least 200 g/mol whereby the macromonomer (6) is not (4) or (5).

The copolymerization is carried out in the presence of a polymeric additive (7) having a number average mol. wt. of 200 g/mol-109 g/mol with the proviso that (1) is copolymerized with at least one of (4)-(7).

USE - The agent (A) is useful as a shampoo or shower bath.

ADVANTAGE - The agent (A) has good rheological and sensory properties and good stability.

pp; 45 DwgNo 0/0

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L2 8 SEA FILE=HCAPLUS ("SUARES ALAN"/AU OR "SUARES ALAN"/IN OR  
 "SUARES ALAN JOSEPH"/AU OR "SUARES ALAN JOSEPH"/IN)

=&gt; d ibib abs hitrn 12 1-8

L2 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:221482 HCAPLUS  
 TITLE: Thickener system for cosmetic compositions  
 INVENTOR(S): Zhang, Joanna Hong; **Suares, Alan Joseph**  
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited  
 SOURCE: PCT Int. Appl., 21 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003022237	A2	20030320	WO 2002-EP9118	20020815
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2001-318660P P 20010912

AB A cosmetic composition is provided which includes a polysaccharide and a taurate copolymer in a low pH system. The combination of polysaccharide and copolymer provides for an adequate viscosity while imparting improved skin feel to the system.

L2 ANSWER 2 OF 8 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:221481 HCAPLUS  
 TITLE: Thickened cosmetic compositions comprising a taurate copolymer  
 INVENTOR(S): **Suares, Alan Joseph**; Zhang, Joanna Hong  
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited  
 SOURCE: PCT Int. Appl., 23 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003022236	A1	20030320	WO 2002-EP9117	20020815
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,			

MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK,  
 SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW,  
 AM, AZ, BY, KG  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-318687P P 20010912

AB A cosmetic composition is provided which includes an alpha- or  
 beta-hydroxycarboxylic acid at least partially neutralized and a taurate  
 copolymer in a low pH system. The taurate copolymer improves skin feel  
 and provides viscosity to the system.

L2 ANSWER 3 OF 8 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:960584 HCAPLUS

DOCUMENT NUMBER: 138:28969

TITLE: Cosmetic composition with organic sunscreen and porous  
 polymer powder particles

INVENTOR(S): Faryniarz, Joseph Raymond; **Suares, Alan Joseph**  
 ; Zhang, Joanna Hong; Cheney, Michael Charles

PATENT ASSIGNEE(S): Unilever Home & Personal Care USA, Division of  
 Conopco, Inc., USA

SOURCE: U.S., 7 pp.  
 CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6495123	B1	20021217	US 2002-144997	20020514
WO 2003022234	A1	20030320	WO 2002-EP10014	20020906
W:	AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2001-318691P P 20010912

AB A cosmetic compn. is provided which includes an org. sunscreen agent, a  
 water-insol. polymeric powder of porous particles, and an aq. system  
 wherein pH is less than 7. The porous particles remove the tackiness  
 normally assocd. with org. sunscreen agents and low pH systems thereby  
 providing a resultant compn. of excellent skin-feel. Thus, a formulation  
 contained 1.00% Ganzpearl GMP 0820, 2.00% octyl methoxycinnamate in addn.  
 to other cosmetic ingredients.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 8 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:756485 HCAPLUS

DOCUMENT NUMBER: 133:325470

TITLE: Cosmetic compositions containing menthyl lactate,

isopulegol and menthoxypropanediol  
 INVENTOR(S): **Suares, Alan Joseph**; Znaiden, Alexander  
 Paul; Feliciano, Donald Carl; Carrabotta, Michele  
 PATENT ASSIGNEE(S): Unilever Plc, UK; Unilever N. V.; Hindustan Lever Ltd.  
 SOURCE: PCT Int. Appl., 20 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062737	A1	20001026	WO 1999-EP9587	19991202
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6267974	B1	20010731	US 1999-430071	19991029
BR 9917261	A	20020108	BR 1999-17261	19991202
EP 1169011	A1	20020109	EP 1999-962234	19991202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
AU 752674	B2	20020926	AU 2000-18636	19991202
JP 2002542176	T2	20021210	JP 2000-611874	19991202
PRIORITY APPLN. INFO.: US 1999-129782P P 19990416 WO 1999-EP9587 W 19991202				
AB A sensate compn. is provided for imparting a long lasting cooling effect on skin. The compn. is a combination of menthyl lactate (I), isopulegol (II) and menthoxypropanediol (III), the latter providing a cooling enhancing effect. Cosmetic compns. can be prepd. incorporating the sensate compn. A combination of I 0.1, II 0.02, and III 0.08% by wt. was added to a base cosmetic formulation prepd. from cyclomethicone 36.0, crosslinked silicone elastomer in cyclomethicone (25% active) 24.0, propylene glycol 20.5, PEG-200 10.5, di-Me isosorbide 2.0, ascorbic acid 5.0, and cetyl dimethicone copolyol 0.8% by wt. Sustained cooling was obtained by a combination of 3 components.				
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1999:393968 HCAPLUS  
 DOCUMENT NUMBER: 131:49210  
 TITLE: Compositions containing hydroxycarboxylic acids and sunscreens for skin treatment regimes  
 INVENTOR(S): **Suares, Alan**; Nettesheim, Susan; Indursky, Michael; Bertolini, Peter  
 PATENT ASSIGNEE(S): Chesebrough Pond's USA Co., USA  
 SOURCE: U.S., 8 pp., Cont.-in-part of U.S. Ser. No. 451,940.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5914116	A	19990622	US 1996-670389	19960625
CA 2221575	AA	19961128	CA 1996-2221575	19960524
CN 1191515	A	19980826	CN 1996-195736	19960524
CN 1083794	B	20020501		
ES 2169247	T3	20020701	ES 1996-919811	19960524
US 6531116	B1	20030311	US 1998-177695	19981022
PRIORITY APPLN. INFO.:			US 1995-451940	A2 19950526
			US 1996-5188	P 19960513
			US 1996-670389	A3 19960625

AB A method for a skin treatment regime and a resp. product is provided which cosmetically improves human skin. The product includes a first compn. contg. a sunscreen and a second compn. contg. an .alpha.- or .beta.-hydroxycarboxylic acid or its salts. The first and second compns. are stored in sep. color coded containers, which nevertheless are joined together for reminding a consumer to use the compns. in tandem and to facilitate in one sale all necessary elements of a suggested regime. Packaging suitable for this purposes can be a series of stackable jars releasably lockable together through a threaded screw arrangement one above the other. E.g., a skin treatment regime to prevent and correct skin damage contained a sunscreen compn. (contg. 4.0% Parsol MCX) intended for daytime protection and anti-wrinkle compn. for applying at night time with .alpha.-hydroxycarboxylic acids (contg. 5.74% of 70% glycolic acid and 0.1% hydroxycaprylic acid) to correct damage done by sunlight.

REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:69838 HCAPLUS

DOCUMENT NUMBER: 126:94632

TITLE: A cosmetic product to prevent and correct skin damage

INVENTOR(S): **Suares, Alan Joseph**; Nettesheim, Susan; Indursky, Michael; Bertolini, Peter

PATENT ASSIGNEE(S): Unilever Plc, UK; Unilever N.V.

SOURCE: PCT Int. Appl., 39 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9637179	A1	19961128	WO 1996-EP1168	19960315
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
CA 2221559	AA	19961128	CA 1996-2221559	19960315
AU 9651458	A1	19961211	AU 1996-51458	19960315
EP 828473	A1	19980318	EP 1996-908068	19960315
R: DE, ES, FR, GB, IT, NL, SE				
CN 1191478	A	19980826	CN 1996-195735	19960315
BR 9608796	A	19990217	BR 1996-8796	19960315
JP 11505811	T2	19990525	JP 1996-535294	19960315

ZA 9603596 A 19971107 ZA 1996-3596 19960507  
 ZA 9604198 A 19971124 ZA 1996-4198 19960524  
 PRIORITY APPLN. INFO.: US 1995-451940 A 19950526  
 WO 1996-EP1168 W 19960315

AB A cosmetic product is provided to prevent and correct skin damage. The product includes a first compn. for daytime use incorporating a sunscreen to prevent UV radiation damage, a second compn. for nighttime use contg. a C2-30 .alpha.-hydroxycarboxylic acid or salt to correct the UV-induced skin damage, and resp. first and second containers for sep. storing each of the first and second compns. The containers are releasable lockable together by a coupling mechanism such as a threaded screw arrangement. Preferably, the first and second containers are stackable one above the other in the releasably locked arrangement. Thus, c compn. contained hexyl laurate 8.00, iso-Pr myristate 3.00, stearic acid 3.00, propylene glycol 3.00, cyclomethicone 3.00, L-lactic acid 2.00, panthenol 1.00, aq. ammonia 0.30, disodium-EDTA 0.10, fragrance 0.10, and sodium sorbate 0.10%, and water qs.

L2 ANSWER 7 OF 8 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:69835 HCAPLUS

DOCUMENT NUMBER: 126:94631

TITLE: Two-compartment cosmetic composition for the treatment of skin

INVENTOR(S): **Suares, Alan Joseph**; Nettesheim, Susan; Indursky, Michael; Bertolini, Peter

PATENT ASSIGNEE(S): Unilever Plc, UK; Unilever N.V.

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9637420	A1	19961128	WO 1996-EP2274	19960524
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
CA 2221575	AA	19961128	CA 1996-2221575	19960524
AU 9658205	A1	19961211	AU 1996-58205	19960524
AU 718944	B2	20000504		
EP 828670	A1	19980318	EP 1996-919811	19960524
EP 828670	B1	20011219		
R: DE, ES, FR, GB, IT, NL, SE				
CN 1191515	A	19980826	CN 1996-195736	19960524
CN 1083794	B	20020501		
BR 9608807	A	19990217	BR 1996-8807	19960524
JP 11508154	T2	19990721	JP 1996-535409	19960524
ES 2169247	T3	20020701	ES 1996-919811	19960524

PRIORITY APPLN. INFO.:

US 1995-451940 A 19950526

US 1996-5188 P 19960513

WO 1996-EP2274 W 19960524

AB A method for a skin treatment regime and a resp. product is provided which cosmetically improves human skin. The product includes a first compn. contg. at least one active and functioning to impart a first benefit to

the skin. A second compn. is provided which includes a second different active and imparts a second benefit to the skin. The first and second compns. are stored in resp. sep. containers, which nevertheless are joined together for reminding a consumer to use the compns. in tandem and to facilitate in one sale all necessary elements of a suggested regime. Packaging suitable for this purposes can be a series of stackable jars releasably lockable together through a threaded screw arrangement one above the other. A two compartment cosmetic contained a cleanser compn. comprising glycerin 1.5, polyoxyethylene hydrogenated castor oil 1.50, sorbitan stearate 1.00, squalane 10.00, dipropylene glycol 5.00, genistein 0.10, and water q.s. 100.00% in the first compartment and a skin-lightening compn. comprising Polysorbate-80 1.00, Et alc. 3.00, polyethylene glycol-600 5.00, citric acid 0.03, sodium citrate 0.20, 1-O-ethyltetraacetylglucosamine 0.10, Me paraben 0.10, fragrance and water q.s. 100.00% in the second compartment. The cleanser is first applied to the skin, the face is then washed with water, dried, and then the skin-lightening prepn. is applied.

L2 ANSWER 8 OF 8 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1993:479846 HCAPLUS

DOCUMENT NUMBER: 119:79846

TITLE: Suntan compositions containing hydroxyaldehydes and amino acids

INVENTOR(S): **Suares, Alan Joseph;** Dobkowski, Brian John

PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever N. V.

SOURCE: Eur. Pat. Appl., 16 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 547864	A1	19930623	EP 1992-311418	19921215
EP 547864	B1	19980909		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
CA 2084963	AA	19930617	CA 1992-2084963	19921209
AU 9230084	A1	19930617	AU 1992-30084	19921211
AU 665038	B2	19951214		
BR 9205009	A	19930622	BR 1992-5009	19921214
ZA 9209727	A	19940615	ZA 1992-9727	19921215
AT 170740	E	19980915	AT 1992-311418	19921215
ES 2122985	T3	19990101	ES 1992-311418	19921215
JP 05255058	A2	19931005	JP 1992-336178	19921216
US 5612044	A	19970318	US 1995-419073	19950407
			US 1991-808784	19911216

PRIORITY APPLN. INFO.:

AB A two-compartment suntan compn. contains C3-24 .alpha.-hydroxy aldehydes 0.1-40, .gtoreq.1 amino acid 0.01-25, and a silicone 0.1-60%. A dual compartment suntan formulation was prepd. contg. in the 1st compartment dihydroxy acetone 14.00, cyclomethicone (I) 10.00, octyl methoxycinnamate (II) 7.5, benzophenone-3 (III) 2.00, poly(glyceryl ricinoleate) (IV) 2.00, cetyl dimethicone copolyol (V) 1.00, Na Cl (VI) 1.00, preservatives 0.4%, and water for the balance and in the 2nd compartment I 10.00, II 7.50, glycine 3.40, III 2.00, IV 2.00, V 1.00, VI 1.00, preservatives 0.4, lysine.HCl 0.10, ornithine.HCl 0.10%, and water for the balance. Equal amt. of each compartment is dispensed and intimately mixed and rubbed into the skin to obtain a natural tan in a few hs.